

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008776.D
 Acq On : 17 May 2022 16:23
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 02:23:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	144418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72819	45.819	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.640%		
35) Dibromofluoromethane	7.716	113	69573	49.366	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.740%		
50) Toluene-d8	10.179	98	296302	54.530	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.060%		
62) 4-Bromofluorobenzene	12.483	95	103603	53.732	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	44162	37.809	ug/l	98
3) Chloromethane	2.113	50	70696	43.269	ug/l	94
4) Vinyl Chloride	2.247	62	103047	52.197	ug/l	99
5) Bromomethane	2.643	94	77193	50.704	ug/l	98
6) Chloroethane	2.790	64	76005	57.656	ug/l	97
7) Trichlorofluoromethane	3.119	101	99205	40.525	ug/l	94
8) Diethyl Ether	3.527	74	29306	34.087	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	60596	39.165	ug/l	95
10) Methyl Iodide	4.082	142	70754	45.739	ug/l	91
11) Tert butyl alcohol	4.942	59	34490	219.238	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	54763	37.928	ug/l	86
13) Acrolein	3.729	56	11779	79.011	ug/l	99
14) Allyl chloride	4.478	41	81428	34.640	ug/l #	85
15) Acrylonitrile	5.155	53	102612	222.488	ug/l	100
16) Acetone	3.948	43	75562	191.127	ug/l #	89
17) Carbon Disulfide	4.192	76	152733	37.312	ug/l	98
18) Methyl Acetate	4.472	43	45393	37.117	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	155898	35.839	ug/l	95
20) Methylene Chloride	4.704	84	68426	37.149	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	68201	40.302	ug/l	88
22) Diisopropyl ether	6.112	45	182093	36.543	ug/l #	95
23) Vinyl Acetate	6.057	43	665656	210.529	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	116787	39.486	ug/l	98
25) 2-Butanone	6.984	43	135187	221.974	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	111823	40.893	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	77379	40.229	ug/l	89
28) Bromochloromethane	7.332	49	47099	40.872	ug/l #	84
29) Tetrahydrofuran	7.350	42	90969	231.706	ug/l #	85
30) Chloroform	7.508	83	127938	41.631	ug/l	95
31) Cyclohexane	7.783	56	103520	36.499	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	118897	42.825	ug/l	97
36) 1,1-Dichloropropene	7.911	75	100013	46.041	ug/l	97
37) Ethyl Acetate	7.069	43	58871	48.505	ug/l	98
38) Carbon Tetrachloride	7.899	117	107024	47.490	ug/l	99
39) Methylcyclohexane	9.179	83	121411	43.160	ug/l	89
40) Benzene	8.161	78	287818	46.599	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008776.D
 Acq On : 17 May 2022 16:23
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 02:23:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	31611m	48.691	ug/l	
42) 1,2-Dichloroethane	8.234	62	83504	46.184	ug/l	92
43) Isopropyl Acetate	8.270	43	103797	44.390	ug/l #	92
44) Trichloroethene	8.935	130	77681	46.698	ug/l	98
45) 1,2-Dichloropropane	9.215	63	69202	44.501	ug/l	95
46) Dibromomethane	9.307	93	43883	46.701	ug/l	96
47) Bromodichloromethane	9.496	83	99833	45.559	ug/l	96
48) Methyl methacrylate	9.295	41	46158	45.251	ug/l #	84
49) 1,4-Dioxane	9.295	88	14012	1099.380	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	313974	261.354	ug/l	90
52) Toluene	10.246	92	204913	51.080	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	108533	46.996	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	112612	43.428	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	63417	48.103	ug/l	96
56) Ethyl methacrylate	10.508	69	79953	44.986	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	102573	46.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	203807	244.968	ug/l	94
59) 2-Hexanone	10.831	43	233666	271.162	ug/l	88
60) Dibromochloromethane	10.983	129	74928	48.882	ug/l	98
61) 1,2-Dibromoethane	11.087	107	62887	49.140	ug/l	99
64) Tetrachloroethene	10.721	164	66103	44.595	ug/l	98
65) Chlorobenzene	11.514	112	216877	47.033	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	79600	47.622	ug/l	97
67) Ethyl Benzene	11.593	91	399170	47.874	ug/l	99
68) m/p-Xylenes	11.703	106	331015	102.639	ug/l	92
69) o-Xylene	12.032	106	153207	49.733	ug/l	89
70) Styrene	12.044	104	265934	51.950	ug/l	94
71) Bromoform	12.209	173	55376	53.959	ug/l #	98
73) Isopropylbenzene	12.331	105	419174	39.858	ug/l	99
74) N-amyl acetate	12.142	43	102013	35.914	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	89201	41.619	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	67704m	42.847	ug/l	
77) Bromobenzene	12.611	156	94053	40.860	ug/l	96
78) n-propylbenzene	12.672	91	525892	41.433	ug/l	99
79) 2-Chlorotoluene	12.757	91	285261	40.284	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	363559	42.189	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	33357	43.430	ug/l #	84
82) 4-Chlorotoluene	12.855	91	315597	43.246	ug/l	97
83) tert-Butylbenzene	13.075	119	325072	42.253	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	363477	42.368	ug/l	97
85) sec-Butylbenzene	13.251	105	512494	44.580	ug/l	100
86) p-Isopropyltoluene	13.367	119	430401	46.000	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	215053	46.477	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	216122	46.612	ug/l	98
89) n-Butylbenzene	13.696	91	398028	44.277	ug/l	100
90) Hexachloroethane	13.958	117	75715	41.259	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	189593	45.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15707	44.954	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	98573	40.940	ug/l	99
94) Hexachlorobutadiene	15.111	225	54952	43.747	ug/l	98
95) Naphthalene	15.239	128	224729	34.706	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	86220	40.830	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008776.D
Acq On : 17 May 2022 16:23
Operator : KP/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/18/2022
Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 02:23:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 02:20:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

