

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018361.D
 Acq On : 23 May 2024 16:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 24 01:17:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	116631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	225452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	63880	57.811	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.620%			
35) Dibromofluoromethane	7.704	113	64284	48.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.800%			
50) Toluene-d8	10.173	98	254401	49.631	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.477	95	81379	51.380	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	39687	39.868	ug/l	91
3) Chloromethane	2.107	50	94752	58.571	ug/l	99
4) Vinyl Chloride	2.241	62	111695	61.717	ug/l	98
5) Bromomethane	2.637	94	76530	59.146	ug/l	99
6) Chloroethane	2.784	64	72640	61.833	ug/l	99
7) Trichlorofluoromethane	3.107	101	108126	53.238	ug/l	97
8) Diethyl Ether	3.515	74	37065	57.154	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	60021	47.903	ug/l	93
10) Methyl Iodide	4.076	142	72023	57.157	ug/l	98
11) Tert butyl alcohol	4.936	59	32913	339.787	ug/l #	79
12) 1,1-Dichloroethene	3.857	96	64257	52.070	ug/l	90
13) Acrolein	3.716	56	23780	261.155	ug/l	94
14) Allyl chloride	4.466	41	98071	56.902	ug/l	95
15) Acrylonitrile	5.143	53	88174	314.347	ug/l	98
16) Acetone	3.936	43	58983	259.530	ug/l	88
17) Carbon Disulfide	4.180	76	198590	57.627	ug/l	100
18) Methyl Acetate	4.460	43	42269	70.170	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	182736	61.754	ug/l	100
20) Methylene Chloride	4.698	84	79950	62.286	ug/l	94
21) trans-1,2-Dichloroethene	5.198	96	74731	57.404	ug/l	94
22) Diisopropyl ether	6.106	45	229691	64.131	ug/l	99
23) Vinyl Acetate	6.039	43	719433	313.702	ug/l	94
24) 1,1-Dichloroethane	5.997	63	132445	60.299	ug/l	96
25) 2-Butanone	6.972	43	106588	295.954	ug/l	91
26) 2,2-Dichloropropane	6.972	77	94444	49.740	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	89866	58.745	ug/l	97
28) Bromochloromethane	7.319	49	52280	70.080	ug/l	83
29) Tetrahydrofuran	7.338	42	78388	330.677	ug/l	87
30) Chloroform	7.496	83	135527	60.535	ug/l	96
31) Cyclohexane	7.771	56	110790	57.295	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	109763	55.857	ug/l	96
36) 1,1-Dichloropropene	7.905	75	94061	49.333	ug/l	99
37) Ethyl Acetate	7.057	43	51770	56.760	ug/l	100
38) Carbon Tetrachloride	7.893	117	92069	47.146	ug/l	97
39) Methylcyclohexane	9.173	83	125796	47.296	ug/l	94
40) Benzene	8.149	78	311720	53.631	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	22930	50.364	ug/l #	91
42) 1,2-Dichloroethane	8.228	62	76435	54.670	ug/l	99
43) Isopropyl Acetate	8.264	43	102540	57.619	ug/l	92
44) Trichloroethene	8.929	130	73615	49.411	ug/l	99
45) 1,2-Dichloropropane	9.209	63	73732	56.402	ug/l	100
46) Dibromomethane	9.301	93	41823	54.522	ug/l	91
47) Bromodichloromethane	9.484	83	100220	53.835	ug/l	97
48) Methyl methacrylate	9.289	41	47017	58.407	ug/l	89
49) 1,4-Dioxane	9.289	88	10857	1090.888	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	269231	299.765	ug/l	93
52) Toluene	10.240	92	197533	54.215	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	95485	56.102	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	113042	54.204	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	56447	55.545	ug/l	98
56) Ethyl methacrylate	10.508	69	82234	58.994	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	97038	56.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	167558	266.026	ug/l	95
59) 2-Hexanone	10.825	43	180942	292.785	ug/l	92
60) Dibromochloromethane	10.977	129	68511	55.814	ug/l	100
61) 1,2-Dibromoethane	11.081	107	51892	55.340	ug/l	99
64) Tetrachloroethene	10.715	164	67889	47.321	ug/l	95
65) Chlorobenzene	11.514	112	208219	49.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	67243	50.878	ug/l	100
67) Ethyl Benzene	11.587	91	373034	50.843	ug/l	98
68) m/p-Xylenes	11.697	106	284427	100.754	ug/l	98
69) o-Xylene	12.026	106	136076	51.078	ug/l	98
70) Styrene	12.038	104	229343	52.078	ug/l	99
71) Bromoform	12.203	173	36535	52.262	ug/l #	98
73) Isopropylbenzene	12.325	105	344046	47.963	ug/l	100
74) N-amyl acetate	12.142	43	87348	52.193	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	62738	51.329	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	40297m	49.127	ug/l	
77) Bromobenzene	12.605	156	80338	51.135	ug/l	98
78) n-propylbenzene	12.666	91	402092	46.815	ug/l	99
79) 2-Chlorotoluene	12.751	91	220896	47.504	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	268643	47.658	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19814	49.700	ug/l	98
82) 4-Chlorotoluene	12.849	91	220464	46.761	ug/l	98
83) tert-Butylbenzene	13.075	119	248660	47.722	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	267827	48.312	ug/l	99
85) sec-Butylbenzene	13.251	105	354218	45.965	ug/l	100
86) p-Isopropyltoluene	13.367	119	290999	46.166	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	148202	47.904	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	145498	47.253	ug/l	98
89) n-Butylbenzene	13.690	91	261271	44.108	ug/l	99
90) Hexachloroethane	13.959	117	55754	47.898	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	131058	48.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8381	49.993	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	67990	44.464	ug/l	98
94) Hexachlorobutadiene	15.111	225	33668	43.026	ug/l	99
95) Naphthalene	15.233	128	147034	48.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60062	46.201	ug/l	96

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

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