

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010974.D
 Acq On : 17 Oct 2022 16:32
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY101722

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 01:45:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	300681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	484621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	428352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	126377	45.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.260%		
35) Dibromofluoromethane	7.716	113	130460	48.216	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.440%		
50) Toluene-d8	10.179	98	482564	47.689	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.380%		
62) 4-Bromofluorobenzene	12.483	95	169528	47.119	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	96076	48.172	ug/l	100
3) Chloromethane	2.113	50	139208	48.651	ug/l	97
4) Vinyl Chloride	2.247	62	162399	50.074	ug/l	99
5) Bromomethane	2.650	94	106962	47.684	ug/l	97
6) Chloroethane	2.790	64	108569	50.095	ug/l	100
7) Trichlorofluoromethane	3.119	101	238193	50.178	ug/l	95
8) Diethyl Ether	3.528	74	85726	48.394	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	148130	49.749	ug/l	94
10) Methyl Iodide	4.089	142	189108	51.904	ug/l	90
11) Tert butyl alcohol	4.942	59	72164	229.679	ug/l	97
12) 1,1-Dichloroethene	3.863	96	141149	49.486	ug/l	86
13) Acrolein	3.723	56	99618	223.103	ug/l	98
14) Allyl chloride	4.473	41	225962	49.956	ug/l #	87
15) Acrylonitrile	5.155	53	220017	238.278	ug/l	98
16) Acetone	3.942	43	224731	279.406	ug/l #	87
17) Carbon Disulfide	4.186	76	392492	46.938	ug/l	99
18) Methyl Acetate	4.473	43	106094	46.703	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	396109	49.704	ug/l	97
20) Methylene Chloride	4.710	84	172754	49.182	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	160078	49.713	ug/l	88
22) Diisopropyl ether	6.113	45	497672	51.373	ug/l	92
23) Vinyl Acetate	6.052	43	1513600	261.285	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	291950	49.915	ug/l	99
25) 2-Butanone	6.978	43	297943	244.263	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	259661	49.993	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	185803	50.066	ug/l	89
28) Bromochloromethane	7.326	49	108443	52.159	ug/l	89
29) Tetrahydrofuran	7.338	42	178510	237.868	ug/l #	86
30) Chloroform	7.503	83	296130	50.226	ug/l	100
31) Cyclohexane	7.783	56	250001	47.169	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	259029	49.981	ug/l	95
36) 1,1-Dichloropropene	7.911	75	223977	49.647	ug/l	98
37) Ethyl Acetate	7.064	43	122531	49.057	ug/l #	93
38) Carbon Tetrachloride	7.893	117	233488	50.138	ug/l	98
39) Methylcyclohexane	9.179	83	272925	50.509	ug/l	92
40) Benzene	8.155	78	653551	49.373	ug/l	97

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41) Methacrylonitrile	7.314	41	62496m	46.173	ug/l	
42) 1,2-Dichloroethane	8.234	62	182327	49.711	ug/l	92
43) Isopropyl Acetate	8.271	43	219999	49.298	ug/l #	90
44) Trichloroethene	8.935	130	177136	49.381	ug/l	98
45) 1,2-Dichloropropane	9.216	63	167779	49.956	ug/l	94
46) Dibromomethane	9.301	93	93870	50.112	ug/l	96
47) Bromodichloromethane	9.496	83	227863	50.478	ug/l	99
48) Methyl methacrylate	9.289	41	103413	51.779	ug/l #	82
49) 1,4-Dioxane	9.295	88	25780	957.872	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	608394	244.456	ug/l	88
52) Toluene	10.240	92	416399	50.636	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	236598	50.453	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	270333	50.375	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	134512	49.776	ug/l	97
56) Ethyl methacrylate	10.508	69	183642	51.166	ug/l #	76
57) 1,3-Dichloropropane	10.789	76	229334	49.359	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	425276	240.196	ug/l	97
59) 2-Hexanone	10.831	43	437095	255.676	ug/l	85
60) Dibromochloromethane	10.984	129	159300	49.575	ug/l	100
61) 1,2-Dibromoethane	11.087	107	126134	48.741	ug/l	100
64) Tetrachloroethene	10.715	164	165241	49.555	ug/l	96
65) Chlorobenzene	11.514	112	443779	50.462	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	164046	50.397	ug/l	98
67) Ethyl Benzene	11.593	91	801887	51.541	ug/l	99
68) m/p-Xylenes	11.703	106	616023	102.929	ug/l	94
69) o-Xylene	12.026	106	293858	51.708	ug/l	94
70) Styrene	12.044	104	498755	51.795	ug/l	96
71) Bromoform	12.209	173	100589	50.072	ug/l #	98
73) Isopropylbenzene	12.331	105	785179	51.877	ug/l	99
74) N-amyl acetate	12.142	43	195984	51.036	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	154127	48.522	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	119568m	50.553	ug/l	
77) Bromobenzene	12.605	156	179422	50.714	ug/l	99
78) n-propylbenzene	12.672	91	957908	52.018	ug/l	100
79) 2-Chlorotoluene	12.758	91	531358	51.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	657730	52.083	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	55691	50.641	ug/l #	84
82) 4-Chlorotoluene	12.855	91	551746	51.098	ug/l	99
83) tert-Butylbenzene	13.075	119	567849	51.999	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	644865	51.785	ug/l	98
85) sec-Butylbenzene	13.252	105	859830	52.398	ug/l	99
86) p-Isopropyltoluene	13.367	119	719152	52.828	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	357668	50.656	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	350807	49.969	ug/l	99
89) n-Butylbenzene	13.697	91	679757	53.436	ug/l	99
90) Hexachloroethane	13.959	117	137840	51.307	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	315254	49.904	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24902	47.415	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	196680	52.094	ug/l	99
94) Hexachlorobutadiene	15.111	225	114212	51.393	ug/l	98
95) Naphthalene	15.239	128	399462	51.953	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	169751	51.537	ug/l	99

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

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