

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110222\
 Data File : VD074706.D
 Acq On : 02 Nov 2022 18:05
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110222

Quant Time: Nov 03 08:58:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	271896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59867	46.561	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.120%		
35) Dibromofluoromethane	7.805	113	73509	45.704	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.400%		
50) Toluene-d8	10.269	98	252142	42.977	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.960%		
62) 4-Bromofluorobenzene	12.569	95	76377	45.088	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	61218	45.914	ug/l	99
3) Chloromethane	2.146	50	96178	45.202	ug/l	95
4) Vinyl Chloride	2.281	62	113394	48.597	ug/l	98
5) Bromomethane	2.687	94	82765	46.815	ug/l	100
6) Chloroethane	2.834	64	78400	48.476	ug/l	99
7) Trichlorofluoromethane	3.170	101	136038	50.184	ug/l	97
8) Diethyl Ether	3.587	74	39463	49.833	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	86319	50.128	ug/l	99
10) Methyl Iodide	4.158	142	104148	47.005	ug/l	100
11) Tert butyl alcohol	5.052	59	30773	231.221	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	88541	50.625	ug/l	95
13) Acrolein	3.799	56	19770	223.406	ug/l	97
14) Allyl chloride	4.558	41	94017	50.807	ug/l	98
15) Acrylonitrile	5.252	53	80794	258.186	ug/l	99
16) Acetone	4.022	43	65271	243.257	ug/l	98
17) Carbon Disulfide	4.269	76	264821	50.213	ug/l	98
18) Methyl Acetate	4.564	43	36590	45.095	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	174193	52.370	ug/l	99
20) Methylene Chloride	4.793	84	116902	51.464	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	98977	51.491	ug/l	92
22) Diisopropyl ether	6.211	45	200889	52.599	ug/l	97
23) Vinyl Acetate	6.158	43	338271	208.315	ug/l	100
24) 1,1-Dichloroethane	6.111	63	144624	49.508	ug/l	99
25) 2-Butanone	7.081	43	90408	245.054	ug/l	96
26) 2,2-Dichloropropane	7.075	77	127389	47.392	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	107123	50.521	ug/l	97
28) Bromochloromethane	7.428	49	45596	49.460	ug/l	95
29) Tetrahydrofuran	7.440	42	54788	258.943	ug/l	97
30) Chloroform	7.593	83	154563	49.527	ug/l	95
31) Cyclohexane	7.875	56	129254	49.651	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	140795	51.070	ug/l	97
36) 1,1-Dichloropropene	8.005	75	123035	50.397	ug/l	99
37) Ethyl Acetate	7.163	43	41057	50.414	ug/l #	95
38) Carbon Tetrachloride	7.987	117	114914	49.683	ug/l	99
39) Methylcyclohexane	9.275	83	137444	46.273	ug/l	95
40) Benzene	8.252	78	354845	49.175	ug/l	97

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41) Methacrylonitrile	7.399	41	22334	46.836	ug/l	92
42) 1,2-Dichloroethane	8.322	62	81419	49.080	ug/l	100
43) Isopropyl Acetate	8.357	43	75530	49.843	ug/l	98
44) Trichloroethene	9.028	130	95074	46.245	ug/l	99
45) 1,2-Dichloropropane	9.304	63	71731	44.947	ug/l	92
46) Dibromomethane	9.393	93	41480	44.851	ug/l	94
47) Bromodichloromethane	9.581	83	100830	45.285	ug/l	94
48) Methyl methacrylate	9.381	41	32312	47.850	ug/l	94
49) 1,4-Dioxane	9.387	88	9328	1000.135	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	179713	244.557	ug/l	97
52) Toluene	10.334	92	207905	47.058	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	93104	47.279	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	114358	46.278	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	58531	46.586	ug/l	97
56) Ethyl methacrylate	10.599	69	68353	48.659	ug/l	95
57) 1,3-Dichloropropane	10.881	76	93714	46.298	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	80448	231.884	ug/l	97
59) 2-Hexanone	10.922	43	122645	242.622	ug/l	99
60) Dibromochloromethane	11.075	129	68280	45.522	ug/l	100
61) 1,2-Dibromoethane	11.181	107	55126	46.558	ug/l	99
64) Tetrachloroethene	10.810	164	74695	49.738	ug/l	96
65) Chlorobenzene	11.604	112	217831	51.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	73142	51.206	ug/l	96
67) Ethyl Benzene	11.681	91	394176	52.835	ug/l	99
68) m/p-Xylenes	11.793	106	311786	105.265	ug/l	99
69) o-Xylene	12.122	106	143479	52.692	ug/l	98
70) Styrene	12.134	104	246837	53.506	ug/l	99
71) Bromoform	12.298	173	40207	52.562	ug/l #	97
73) Isopropylbenzene	12.422	105	384285	52.514	ug/l	99
74) N-amyl acetate	12.234	43	64192	54.006	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	64092	52.123	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	49079m	63.209	ug/l	
77) Bromobenzene	12.698	156	85721	50.874	ug/l	96
78) n-propylbenzene	12.763	91	459365	52.400	ug/l	99
79) 2-Chlorotoluene	12.845	91	246798	52.283	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	314038	52.600	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	16467	50.343	ug/l	95
82) 4-Chlorotoluene	12.945	91	254210	51.777	ug/l	99
83) tert-Butylbenzene	13.163	119	278780	52.986	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	309848	52.597	ug/l	99
85) sec-Butylbenzene	13.345	105	411699	51.866	ug/l	99
86) p-Isopropyltoluene	13.457	119	348511	52.132	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	174005	49.805	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	169678	49.403	ug/l	99
89) n-Butylbenzene	13.787	91	321769	52.628	ug/l	100
90) Hexachloroethane	14.051	117	60797	53.045	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	150021	50.413	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8713	51.260	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	94577	51.474	ug/l	98
94) Hexachlorobutadiene	15.198	225	49013	50.992	ug/l	98
95) Naphthalene	15.328	128	189004	53.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	82262	50.881	ug/l	98

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

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