

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074726.D
 Acq On : 03 Nov 2022 20:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 04 00:04:17 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 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	145311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	241891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54839	47.649	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.300%		
35) Dibromofluoromethane	7.805	113	68860	48.124	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.269	98	230925	44.243	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.480%		
62) 4-Bromofluorobenzene	12.575	95	68851	45.687	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	53290	44.652	ug/l	98
3) Chloromethane	2.140	50	88123	46.271	ug/l	94
4) Vinyl Chloride	2.275	62	102231	48.949	ug/l	99
5) Bromomethane	2.687	94	77036	48.681	ug/l	99
6) Chloroethane	2.828	64	72515	50.093	ug/l	97
7) Trichlorofluoromethane	3.170	101	117752	48.530	ug/l	94
8) Diethyl Ether	3.593	74	35866	50.599	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.964	101	77263	50.128	ug/l	99
10) Methyl Iodide	4.164	142	90638	45.857	ug/l	99
11) Tert butyl alcohol	5.046	59	24950	196.572	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	76758	49.032	ug/l	94
13) Acrolein	3.793	56	15616	197.149	ug/l	97
14) Allyl chloride	4.558	41	86000	51.922	ug/l	99
15) Acrylonitrile	5.258	53	69156	246.898	ug/l	99
16) Acetone	4.022	43	50165	208.872	ug/l	98
17) Carbon Disulfide	4.269	76	236018	49.997	ug/l	100
18) Methyl Acetate	4.558	43	32629	44.927	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	157778	52.995	ug/l	99
20) Methylene Chloride	4.799	84	106205	52.450	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	90575	52.643	ug/l	94
22) Diisopropyl ether	6.211	45	186628	54.592	ug/l	96
23) Vinyl Acetate	6.152	43	383453m	263.817	ug/l	
24) 1,1-Dichloroethane	6.111	63	134931	51.603	ug/l	98
25) 2-Butanone	7.081	43	75593	228.914	ug/l	98
26) 2,2-Dichloropropane	7.075	77	115718	48.096	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	97346	51.291	ug/l	99
28) Bromochloromethane	7.422	49	43876	53.173	ug/l	97
29) Tetrahydrofuran	7.440	42	48498	256.081	ug/l	97
30) Chloroform	7.599	83	147025	52.634	ug/l	99
31) Cyclohexane	7.875	56	111917	48.030	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	128095	51.909	ug/l	98
36) 1,1-Dichloropropene	8.005	75	108674	50.036	ug/l	99
37) Ethyl Acetate	7.169	43	36772	50.753	ug/l	97
38) Carbon Tetrachloride	7.993	117	103994	50.539	ug/l	95
39) Methylcyclohexane	9.275	83	125524	47.502	ug/l	96
40) Benzene	8.252	78	326911	50.924	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	19527	46.100	ug/l	95
42) 1,2-Dichloroethane	8.322	62	76027	51.514	ug/l	99
43) Isopropyl Acetate	8.357	43	68115	50.526	ug/l	98
44) Trichloroethene	9.028	130	92618	50.639	ug/l	95
45) 1,2-Dichloropropane	9.305	63	68768	48.435	ug/l	93
46) Dibromomethane	9.393	93	38890	47.267	ug/l	93
47) Bromodichloromethane	9.587	83	96161	48.545	ug/l	95
48) Methyl methacrylate	9.381	41	28966	48.216	ug/l	96
49) 1,4-Dioxane	9.381	88	8030	967.763	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	156675	239.653	ug/l	99
52) Toluene	10.334	92	190032	48.348	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	85403	48.748	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	106157	48.288	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	53343	47.723	ug/l	96
56) Ethyl methacrylate	10.599	69	61873	49.510	ug/l	96
57) 1,3-Dichloropropane	10.881	76	86870	48.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	82706	260.984	ug/l	98
59) 2-Hexanone	10.922	43	105250	234.037	ug/l	100
60) Dibromochloromethane	11.075	129	65476	49.067	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50744	48.173	ug/l	100
64) Tetrachloroethene	10.810	164	68529	49.754	ug/l	95
65) Chlorobenzene	11.604	112	202766	52.513	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	70872	54.099	ug/l	98
67) Ethyl Benzene	11.681	91	361993	52.904	ug/l	97
68) m/p-Xylenes	11.793	106	288114	106.059	ug/l	99
69) o-Xylene	12.122	106	135510	54.260	ug/l	96
70) Styrene	12.134	104	231440	54.700	ug/l	99
71) Bromoform	12.298	173	37065	52.831	ug/l #	97
73) Isopropylbenzene	12.422	105	351732	52.768	ug/l	100
74) N-amyl acetate	12.234	43	56085	51.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	58564	52.286	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	35366m	50.004	ug/l	
77) Bromobenzene	12.698	156	82509	53.758	ug/l	98
78) n-propylbenzene	12.763	91	422486	52.908	ug/l	100
79) 2-Chlorotoluene	12.845	91	228554	53.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	289309	53.198	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	15769	52.925	ug/l	91
82) 4-Chlorotoluene	12.945	91	236233	52.822	ug/l	98
83) tert-Butylbenzene	13.163	119	245159	51.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	288771	53.814	ug/l	98
85) sec-Butylbenzene	13.345	105	378677	52.373	ug/l	100
86) p-Isopropyltoluene	13.457	119	319082	52.399	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	165013	51.852	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	158841	50.772	ug/l	99
89) n-Butylbenzene	13.787	91	290871	52.228	ug/l	99
90) Hexachloroethane	14.051	117	54444	52.149	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	142444	52.550	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7647	49.390	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	85893	51.320	ug/l	99
94) Hexachlorobutadiene	15.198	225	44885	51.266	ug/l	96
95) Naphthalene	15.328	128	165470	51.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	76515	51.956	ug/l	99

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

