

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074821.D
 Acq On : 09 Nov 2022 12:05
 Operator : VA/SY
 Sample : VD1109SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022

Quant Time: Nov 09 14:04:05 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	224513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59560	49.506	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.020%		
35) Dibromofluoromethane	7.804	113	73634	55.444	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.880%		
50) Toluene-d8	10.269	98	246123	50.805	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.620%		
62) 4-Bromofluorobenzene	12.575	95	77195	55.188	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	110.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	24935	19.987	ug/l	95
3) Chloromethane	2.146	50	39103	19.641	ug/l	94
4) Vinyl Chloride	2.281	62	43851	20.085	ug/l	96
5) Bromomethane	2.681	94	35835	21.663	ug/l	97
6) Chloroethane	2.834	64	31539	20.842	ug/l	100
7) Trichlorofluoromethane	3.169	101	52776	20.807	ug/l	100
8) Diethyl Ether	3.593	74	14979	20.215	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	32533	20.192	ug/l	99
10) Methyl Iodide	4.163	142	31806	19.085	ug/l	98
12) 1,1-Dichloroethene	3.940	96	32839	20.067	ug/l	92
13) Acrolein	3.799	56	8454	102.099	ug/l	98
14) Allyl chloride	4.558	41	35612	20.567	ug/l	96
15) Acrylonitrile	5.252	53	29237	99.852	ug/l	99
16) Acetone	4.022	43	24893	99.150	ug/l	98
17) Carbon Disulfide	4.269	76	92044	18.652	ug/l	98
18) Methyl Acetate	4.563	43	15599	20.546	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	61830	19.867	ug/l	96
20) Methylene Chloride	4.799	84	65461	25.047	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	37337	20.759	ug/l	91
22) Diisopropyl ether	6.210	45	79140	22.145	ug/l	98
23) Vinyl Acetate	6.157	43	138627	91.238	ug/l	99
24) 1,1-Dichloroethane	6.110	63	57251	20.945	ug/l	96
25) 2-Butanone	7.081	43	34615	100.274	ug/l	98
26) 2,2-Dichloropropane	7.075	77	51959	20.659	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	40850	20.590	ug/l	99
28) Bromochloromethane	7.428	49	18242	21.148	ug/l	98
29) Tetrahydrofuran	7.446	42	19221	97.088	ug/l	97
30) Chloroform	7.599	83	61857	21.183	ug/l	94
31) Cyclohexane	7.875	56	45366	18.625	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	52283	20.268	ug/l	98
36) 1,1-Dichloropropene	8.010	75	45335	22.489	ug/l	99
37) Ethyl Acetate	7.163	43	15111	22.471	ug/l	96
38) Carbon Tetrachloride	7.993	117	41547	21.754	ug/l	99
39) Methylcyclohexane	9.275	83	47888	19.525	ug/l	99
40) Benzene	8.251	78	137057	23.002	ug/l	97
41) Methacrylonitrile	7.399	41	7305	21.043	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	29154	21.283	ug/l	98
43) Isopropyl Acetate	8.363	43	24874	19.879	ug/l	98
44) Trichloroethene	9.028	130	34529	20.340	ug/l	94
45) 1,2-Dichloropropane	9.304	63	28595	21.699	ug/l	98
46) Dibromomethane	9.393	93	16087	21.066	ug/l	93
47) Bromodichloromethane	9.587	83	40911	22.252	ug/l	95
48) Methyl methacrylate	9.381	41	11380	20.409	ug/l	95
49) 1,4-Dioxane	9.381	88	2960	384.347	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	63305	104.328	ug/l	97
52) Toluene	10.334	92	79245	21.722	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	35630	21.912	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	44532	21.825	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	22585	21.769	ug/l	94
56) Ethyl methacrylate	10.598	69	24592	21.201	ug/l	99
57) 1,3-Dichloropropane	10.881	76	36963	22.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	33268	127.980	ug/l	98
59) 2-Hexanone	10.922	43	43149	103.374	ug/l	97
60) Dibromochloromethane	11.075	129	27461	22.172	ug/l	98
61) 1,2-Dibromoethane	11.181	107	21469	21.959	ug/l	100
64) Tetrachloroethene	10.810	164	28456	19.832	ug/l	94
65) Chlorobenzene	11.604	112	86089	21.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	29311	21.477	ug/l	99
67) Ethyl Benzene	11.681	91	146066	20.492	ug/l	97
68) m/p-Xylenes	11.792	106	118843	41.995	ug/l	97
69) o-Xylene	12.122	106	54443	20.926	ug/l	96
70) Styrene	12.134	104	93778	21.276	ug/l	99
71) Bromoform	12.298	173	15271	20.895	ug/l #	98
73) Isopropylbenzene	12.422	105	141964	20.191	ug/l	99
74) N-amyl acetate	12.234	43	22952	20.097	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	24948	21.116	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	18944m	25.393	ug/l	
77) Bromobenzene	12.698	156	33722	20.829	ug/l	96
78) n-propylbenzene	12.763	91	177629	21.088	ug/l	98
79) 2-Chlorotoluene	12.845	91	95784	21.119	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	117627	20.505	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	6533	20.787	ug/l	98
82) 4-Chlorotoluene	12.945	91	100443	21.292	ug/l	97
83) tert-Butylbenzene	13.163	119	104354	20.642	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	117354	20.733	ug/l	97
85) sec-Butylbenzene	13.345	105	156843	20.565	ug/l	99
86) p-Isopropyltoluene	13.457	119	129492	20.160	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	70474	20.994	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	69454	21.046	ug/l	99
89) n-Butylbenzene	13.787	91	118783	20.220	ug/l	99
90) Hexachloroethane	14.051	117	23325	21.180	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	59261	20.726	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3429	20.996	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	34672	19.640	ug/l	97
94) Hexachlorobutadiene	15.198	225	18101	19.600	ug/l	97
95) Naphthalene	15.328	128	64445	19.005	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30619	19.710	ug/l	99

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

