

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074436.D
 Acq On : 27 Sep 2022 10:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 28 04:37:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

09/28/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	62787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	98514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	85106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	46588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25102	46.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.880%
35) Dibromofluoromethane	7.804	113	32547	49.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.269	98	110844	49.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.569	95	36961	46.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22477	43.598	ug/l	98
3) Chloromethane	2.140	50	23093	52.452	ug/l	93
4) Vinyl Chloride	2.281	62	22238	50.280	ug/l	95
5) Bromomethane	2.687	94	15255	44.880	ug/l	90
6) Chloroethane	2.828	64	14767	48.742	ug/l	97
7) Trichlorofluoromethane	3.175	101	50570	49.577	ug/l	99
8) Diethyl Ether	3.593	74	15230	50.648	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	34140	49.333	ug/l	99
10) Methyl Iodide	4.158	142	31647	43.387	ug/l	99
11) Tert butyl alcohol	5.058	59	11589	183.931	ug/l	98
12) 1,1-Dichloroethene	3.934	96	31341	48.003	ug/l	93
13) Acrolein	3.793	56	7073	188.563	ug/l	99
14) Allyl chloride	4.563	41	33120	49.196	ug/l	97
15) Acrylonitrile	5.258	53	31861	249.793	ug/l	100
16) Acetone	4.016	43	31096	296.532	ug/l	97
17) Carbon Disulfide	4.269	76	68722	47.954	ug/l	99
18) Methyl Acetate	4.563	43	13821	45.647	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	71558	50.991	ug/l	98
20) Methylene Chloride	4.799	84	37321	46.203	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	34956	50.374	ug/l	94
22) Diisopropyl ether	6.216	45	80224	52.104	ug/l	98
23) Vinyl Acetate	6.152	43	185755	284.196	ug/l	97
24) 1,1-Dichloroethane	6.110	63	57871	49.903	ug/l	98
25) 2-Butanone	7.081	43	35737	248.705	ug/l	93
26) 2,2-Dichloropropane	7.069	77	52453	48.634	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	40258	48.881	ug/l	100
28) Bromochloromethane	7.422	49	18866	51.066	ug/l	95
29) Tetrahydrofuran	7.440	42	19070	233.743	ug/l	98
30) Chloroform	7.593	83	62774	48.101	ug/l	98
31) Cyclohexane	7.869	56	40780	44.431	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	56003	49.998	ug/l	97
36) 1,1-Dichloropropene	8.004	75	43155	48.240	ug/l	98
37) Ethyl Acetate	7.163	43	13861	47.019	ug/l	96
38) Carbon Tetrachloride	7.987	117	45238	52.842	ug/l	98
39) Methylcyclohexane	9.275	83	51419	48.504	ug/l	100
40) Benzene	8.246	78	129243	48.939	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	8601	48.381	ug/l	95
42) 1,2-Dichloroethane	8.328	62	32181	48.569	ug/l	100
43) Isopropyl Acetate	8.363	43	27520	48.016	ug/l	99
44) Trichloroethene	9.028	130	39538	48.948	ug/l	97
45) 1,2-Dichloropropane	9.304	63	31036	49.557	ug/l	92
46) Dibromomethane	9.393	93	17889	48.351	ug/l	95
47) Bromodichloromethane	9.581	83	44518	46.527	ug/l	97
48) Methyl methacrylate	9.375	41	12190	47.620	ug/l	98
49) 1,4-Dioxane	9.387	88	3891	934.515	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	70225	238.425	ug/l	98
52) Toluene	10.334	92	82495	48.330	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	39329	49.454	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	47551	46.849	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	25013	48.560	ug/l	95
56) Ethyl methacrylate	10.598	69	28551	49.407	ug/l	97
57) 1,3-Dichloropropane	10.881	76	39137	46.602	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	29020	293.699	ug/l	99
59) 2-Hexanone	10.922	43	51574	259.438	ug/l	99
60) Dibromochloromethane	11.075	129	32424	50.259	ug/l	97
61) 1,2-Dibromoethane	11.181	107	23790	47.509	ug/l	99
64) Tetrachloroethene	10.810	164	31133	47.171	ug/l	92
65) Chlorobenzene	11.604	112	91981	49.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	35316	52.930	ug/l	99
67) Ethyl Benzene	11.681	91	166560	51.362	ug/l	100
68) m/p-Xylenes	11.793	106	132419	104.043	ug/l	100
69) o-Xylene	12.116	106	61674	52.258	ug/l	99
70) Styrene	12.134	104	109604	53.276	ug/l	99
71) Bromoform	12.298	173	19138	52.053	ug/l #	99
73) Isopropylbenzene	12.416	105	170071	49.173	ug/l	100
74) N-amyl acetate	12.228	43	25262	46.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	28409	47.079	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	16717m	45.877	ug/l	
77) Bromobenzene	12.698	156	39832	48.616	ug/l	97
78) n-propylbenzene	12.763	91	204232	49.084	ug/l	99
79) 2-Chlorotoluene	12.845	91	110389	49.156	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	141504	49.454	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7413	49.644	ug/l	95
82) 4-Chlorotoluene	12.945	91	114553	49.756	ug/l	100
83) tert-Butylbenzene	13.163	119	126041	48.674	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	141038	49.511	ug/l	98
85) sec-Butylbenzene	13.339	105	192298	49.618	ug/l	98
86) p-Isopropyltoluene	13.457	119	160606	49.581	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	81893	48.697	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	82438	48.972	ug/l	99
89) n-Butylbenzene	13.781	91	148041	49.291	ug/l	99
90) Hexachloroethane	14.051	117	28459	49.636	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	72903	49.716	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3852	46.741	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	45977	46.303	ug/l	99
94) Hexachlorobutadiene	15.198	225	24994	45.927	ug/l	98
95) Naphthalene	15.328	128	83864	46.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	40101	47.093	ug/l	99

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

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