

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074343.D
 Acq On : 19 Sep 2022 11:22
 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 19 23:00:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

09/20/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	101574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	170426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	154812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	74318	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	51871	52.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.860%	
35) Dibromofluoromethane	7.799	113	54780	48.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.600%	
50) Toluene-d8	10.269	98	219165	56.589	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.180%	
62) 4-Bromofluorobenzene	12.569	95	65570	49.951	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.900%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.928	85	41192	44.023	ug/l	90
3) Chloromethane	2.140	50	38555	43.328	ug/l	95
4) Vinyl Chloride	2.275	62	40235	46.072	ug/l	91
5) Bromomethane	2.681	94	24716	45.779	ug/l	92
6) Chloroethane	2.828	64	24071	46.914	ug/l	96
7) Trichlorofluoromethane	3.164	101	83018	48.783	ug/l	96
8) Diethyl Ether	3.587	74	27933	51.493	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	53127	49.649	ug/l	97
10) Methyl Iodide	4.158	142	65522	49.571	ug/l	97
11) Tert butyl alcohol	5.058	59	16803	251.316	ug/l #	88
12) 1,1-Dichloroethene	3.928	96	53396	49.022	ug/l	98
13) Acrolein	3.799	56	19104	264.948	ug/l	95
14) Allyl chloride	4.552	41	85103	53.986	ug/l	100
15) Acrylonitrile	5.252	53	67220	281.130	ug/l	99
16) Acetone	4.017	43	65061	291.895	ug/l	99
17) Carbon Disulfide	4.264	76	150766	42.509	ug/l	99
18) Methyl Acetate	4.558	43	31574	51.829	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	129625	55.572	ug/l	100
20) Methylene Chloride	4.799	84	72102	52.138	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	61398	50.909	ug/l	97
22) Diisopropyl ether	6.211	45	184922	55.696	ug/l	98
23) Vinyl Acetate	6.152	43	463279	273.365	ug/l	98
24) 1,1-Dichloroethane	6.111	63	111926	52.373	ug/l	97
25) 2-Butanone	7.075	43	89842	270.620	ug/l	96
26) 2,2-Dichloropropane	7.075	77	95357	54.052	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	68749	51.452	ug/l	99
28) Bromochloromethane	7.422	49	44703	54.172	ug/l	96
29) Tetrahydrofuran	7.446	42	53771	282.624	ug/l	97
30) Chloroform	7.593	83	109427	52.073	ug/l	90
31) Cyclohexane	7.869	56	95276	45.917	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	94306	50.873	ug/l	98
36) 1,1-Dichloropropene	8.005	75	85792	50.072	ug/l	99
37) Ethyl Acetate	7.163	43	36870	53.714	ug/l	98
38) Carbon Tetrachloride	7.987	117	79385	52.283	ug/l	97
39) Methylcyclohexane	9.269	83	101309	48.883	ug/l	93
40) Benzene	8.246	78	246840	51.380	ug/l	100

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41) Methacrylonitrile	7.399	41	19366	51.978	ug/l	#	85
42) 1,2-Dichloroethane	8.322	62	65115	53.071	ug/l		99
43) Isopropyl Acetate	8.357	43	71259	56.269	ug/l		99
44) Trichloroethene	9.028	130	63043	49.912	ug/l		96
45) 1,2-Dichloropropane	9.299	63	64041	53.004	ug/l		97
46) Dibromomethane	9.393	93	33810	54.402	ug/l		93
47) Bromodichloromethane	9.581	83	82822	54.105	ug/l		99
48) Methyl methacrylate	9.381	41	34081	55.611	ug/l		96
49) 1,4-Dioxane	9.381	88	8095	1190.224	ug/l		96
51) 4-Methyl-2-Pentanone	10.157	43	188659	283.546	ug/l		98
52) Toluene	10.334	92	158045	53.408	ug/l		100
53) t-1,3-Dichloropropene	10.552	75	80512	58.952	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	97983	55.454	ug/l		98
55) 1,1,2-Trichloroethane	10.734	97	44410	54.249	ug/l		97
56) Ethyl methacrylate	10.593	69	59689	55.660	ug/l		98
57) 1,3-Dichloropropane	10.875	76	78817	53.270	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	86150	271.100	ug/l		98
59) 2-Hexanone	10.916	43	133301	286.425	ug/l		99
60) Dibromochloromethane	11.069	129	52128	53.174	ug/l		98
61) 1,2-Dibromoethane	11.175	107	41335	52.576	ug/l		100
64) Tetrachloroethene	10.804	164	50056	47.701	ug/l		93
65) Chlorobenzene	11.604	112	164333	51.526	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.675	131	59077	53.940	ug/l		98
67) Ethyl Benzene	11.681	91	308941	52.800	ug/l		97
68) m/p-Xylenes	11.787	106	234966	104.835	ug/l		100
69) o-Xylene	12.116	106	108904	53.169	ug/l		96
70) Styrene	12.128	104	189383	54.289	ug/l		99
71) Bromoform	12.293	173	30183	51.356	ug/l	#	100
73) Isopropylbenzene	12.416	105	293374	51.326	ug/l		100
74) N-amyl acetate	12.228	43	68405	54.152	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.669	83	52082	52.442	ug/l		99
76) 1,2,3-Trichloropropane	12.716	75	35421m	51.513	ug/l		
77) Bromobenzene	12.693	156	64118	51.335	ug/l		99
78) n-propylbenzene	12.757	91	367109	51.775	ug/l		98
79) 2-Chlorotoluene	12.845	91	191648	51.252	ug/l		100
80) 1,3,5-Trimethylbenzene	12.898	105	240345	51.424	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.463	75	15292	55.738	ug/l	#	100
82) 4-Chlorotoluene	12.940	91	198898	51.292	ug/l		100
83) tert-Butylbenzene	13.163	119	208348	50.270	ug/l		99
84) 1,2,4-Trimethylbenzene	13.204	105	233194	50.714	ug/l		100
85) sec-Butylbenzene	13.340	105	315485	51.296	ug/l		99
86) p-Isopropyltoluene	13.451	119	260954	50.769	ug/l		99
87) 1,3-Dichlorobenzene	13.451	146	128867	50.193	ug/l		98
88) 1,4-Dichlorobenzene	13.534	146	126561	50.438	ug/l		98
89) n-Butylbenzene	13.781	91	258610	51.369	ug/l		99
90) Hexachloroethane	14.045	117	48673	50.173	ug/l		92
91) 1,2-Dichlorobenzene	13.822	146	108343	50.048	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	7584	51.372	ug/l		91
93) 1,2,4-Trichlorobenzene	15.092	180	72230	49.462	ug/l		98
94) Hexachlorobutadiene	15.192	225	41491	50.011	ug/l		97
95) Naphthalene	15.322	128	143311	52.945	ug/l		99
96) 1,2,3-Trichlorobenzene	15.510	180	64784	51.618	ug/l		99

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

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