

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079637.D
 Acq On : 07 Aug 2024 13:33
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda
 08/09/2024

Supervised By :Semsettin
 Yesilyurt
 08/09/2024

Quant Time: Aug 08 02:07:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene	7.869	168	228963	50.000	ug/l	0.00	
34) 1,4-Difluorobenzene	8.775	114	416547	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.581	117	379706	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.516	152	188752	50.000	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.228	65	121819	52.372	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.740%		
35) Dibromofluoromethane	7.805	113	123907	43.948	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.900%		
50) Toluene-d8	10.269	98	491456	44.887	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.780%		
62) 4-Bromofluorobenzene	12.569	95	145287	45.856	ug/l	0.00	
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.720%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	88025	49.067	ug/l		96
3) Chloromethane	2.146	50	170688	51.637	ug/l		96
4) Vinyl Chloride	2.281	62	201457	51.258	ug/l		100
5) Bromomethane	2.681	94	137845	55.876	ug/l		98
6) Chloroethane	2.834	64	142416	56.390	ug/l		99
7) Trichlorofluoromethane	3.170	101	196567	50.291	ug/l		98
8) Diethyl Ether	3.593	74	69224	58.630	ug/l		81
9) 1,1,2-Trichlorotrifluo...	3.964	101	123054	49.777	ug/l		95
10) Methyl Iodide	4.158	142	148790	49.578	ug/l		98
11) Tert butyl alcohol	5.058	59	41364	375.531	ug/l #		87
12) 1,1-Dichloroethene	3.934	96	126318	51.060	ug/l		89
13) Acrolein	3.799	56	37285	227.034	ug/l		98
14) Allyl chloride	4.558	41	194742	59.613	ug/l #		85
15) Acrylonitrile	5.252	53	174553	316.380	ug/l		97
16) Acetone	4.022	43	158371	350.341	ug/l		98
17) Carbon Disulfide	4.264	76	392122	48.018	ug/l		99
18) Methyl Acetate	4.558	43	84669	60.326	ug/l #		85
19) Methyl tert-butyl Ether	5.317	73	310141	61.417	ug/l		98
20) Methylene Chloride	4.799	84	183371	56.328	ug/l #		87
21) trans-1,2-Dichloroethene	5.311	96	141775	51.014	ug/l #		86
22) Diisopropyl ether	6.216	45	435059	59.855	ug/l #		93
23) Vinyl Acetate	6.152	43	1765427	323.108	ug/l #		91
24) 1,1-Dichloroethane	6.111	63	266765	54.767	ug/l		95
25) 2-Butanone	7.081	43	213140	332.575	ug/l		89
26) 2,2-Dichloropropane	7.075	77	210836	53.513	ug/l		98
27) cis-1,2-Dichloroethene	7.075	96	167349	52.681	ug/l		84
28) Bromochloromethane	7.422	49	122830	57.506	ug/l #		67
29) Tetrahydrofuran	7.440	42	132044	332.461	ug/l #		80
30) Chloroform	7.593	83	262597	53.236	ug/l		92
31) Cyclohexane	7.875	56	199009	51.515	ug/l		86
32) 1,1,1-Trichloroethane	7.793	97	212089	52.106	ug/l		98
36) 1,1-Dichloropropene	8.005	75	182577	47.445	ug/l		96
37) Ethyl Acetate	7.163	43	89186	56.527	ug/l		98
38) Carbon Tetrachloride	7.993	117	189437	46.829	ug/l		98
39) Methylcyclohexane	9.275	83	219584	47.825	ug/l		94
40) Benzene	8.252	78	587554	48.072	ug/l		97

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Supervised By :Semsettin

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	44219	50.952	ug/l	90
42) 1,2-Dichloroethane	8.322	62	144187	49.505	ug/l	97
43) Isopropyl Acetate	8.358	43	171324	57.777	ug/l #	92
44) Trichloroethene	9.028	130	134800	44.305	ug/l	90
45) 1,2-Dichloropropane	9.305	63	150279	50.524	ug/l	94
46) Dibromomethane	9.393	93	79910	48.461	ug/l	91
47) Bromodichloromethane	9.581	83	199037	49.159	ug/l	97
48) Methyl methacrylate	9.381	41	79557	59.950	ug/l #	79
49) 1,4-Dioxane	9.381	88	18063	1057.171	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	456157	301.310	ug/l	94
52) Toluene	10.334	92	362660	47.976	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	191526	51.224	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	227299	50.539	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	106510	49.034	ug/l	94
56) Ethyl methacrylate	10.593	69	144526	56.154	ug/l	89
57) 1,3-Dichloropropane	10.881	76	191022	51.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	359397	302.794	ug/l	90
59) 2-Hexanone	10.916	43	334439	316.753	ug/l	95
60) Dibromochloromethane	11.075	129	134233	47.306	ug/l	98
61) 1,2-Dibromoethane	11.175	107	99193	48.745	ug/l	98
64) Tetrachloroethene	10.810	164	106652	41.655	ug/l	94
65) Chlorobenzene	11.604	112	392631	46.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	129732	46.896	ug/l	97
67) Ethyl Benzene	11.681	91	679705	49.381	ug/l	98
68) m/p-Xylenes	11.793	106	528089	96.703	ug/l	93
69) o-Xylene	12.116	106	265513	53.044	ug/l	92
70) Styrene	12.134	104	447047	50.942	ug/l	95
71) Bromoform	12.299	173	72275	46.215	ug/l #	97
73) Isopropylbenzene	12.422	105	643678	45.856	ug/l	98
74) N-amyl acetate	12.234	43	168617	60.736	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	128942	52.585	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	97880m	59.326	ug/l	
77) Bromobenzene	12.698	156	144099	45.530	ug/l	82
78) n-propylbenzene	12.763	91	796153	50.460	ug/l	96
79) 2-Chlorotoluene	12.846	91	444377	50.581	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	526571	50.081	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	46947	54.271	ug/l	95
82) 4-Chlorotoluene	12.946	91	450939	49.237	ug/l	96
83) tert-Butylbenzene	13.163	119	444290	44.086	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	533878	45.465	ug/l	98
85) sec-Butylbenzene	13.340	105	696225	49.784	ug/l	99
86) p-Isopropyltoluene	13.457	119	578580	44.207	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	292541	44.622	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	295292	45.814	ug/l	98
89) n-Butylbenzene	13.787	91	556238	45.857	ug/l	98
90) Hexachloroethane	14.051	117	113441	46.377	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	256622	45.801	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.440	75	17691	54.222	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	157256	44.546	ug/l	98
94) Hexachlorobutadiene	15.204	225	81760	42.912	ug/l	94
95) Naphthalene	15.328	128	333186	54.531	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	144726	46.605	ug/l	98

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

