

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078237.D
 Acq On : 25 Jan 2024 09:35
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 26 05:53:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

01/29/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	133947	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	239593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	218286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103324	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	70621	46.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.360%
35) Dibromofluoromethane	7.810	113	75537	47.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.800%
50) Toluene-d8	10.269	98	295510	47.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.575	95	87094	48.100	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.940	85	63317	48.149	ug/l	99
3) Chloromethane	2.152	50	114209	52.838	ug/l	98
4) Vinyl Chloride	2.287	62	155580	48.981	ug/l	97
5) Bromomethane	2.699	94	96992	41.843	ug/l	98
6) Chloroethane	2.840	64	106746	48.112	ug/l	100
7) Trichlorofluoromethane	3.181	101	139064	48.133	ug/l	92
8) Diethyl Ether	3.599	74	40778	50.915	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.969	101	83956	50.172	ug/l	94
10) Methyl Iodide	4.169	142	82771	49.345	ug/l	93
11) Tert butyl alcohol	5.063	59	19487	258.859	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	81858	49.383	ug/l #	85
13) Acrolein	3.805	56	33283	192.593	ug/l	90
14) Allyl chloride	4.563	41	112106	51.272	ug/l #	92
15) Acrylonitrile	5.258	53	88676	246.738	ug/l	97
16) Acetone	4.016	43	106243	290.561	ug/l	88
17) Carbon Disulfide	4.275	76	252864	47.044	ug/l	97
18) Methyl Acetate	4.563	43	70176	53.342	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	174768	50.559	ug/l	99
20) Methylene Chloride	4.810	84	95617	51.700	ug/l #	87
21) trans-1,2-Dichloroethene	5.316	96	94302	49.232	ug/l	89
22) Diisopropyl ether	6.222	45	255565	55.237	ug/l #	93
23) Vinyl Acetate	6.163	43	584223	256.292	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	163495	51.140	ug/l	97
25) 2-Butanone	7.087	43	123819	257.287	ug/l #	83
26) 2,2-Dichloropropane	7.075	77	137413	51.309	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	108628	52.794	ug/l	91
28) Bromochloromethane	7.428	49	65233	52.316	ug/l #	73
29) Tetrahydrofuran	7.446	42	64571	255.960	ug/l #	84
30) Chloroform	7.599	83	171964	52.890	ug/l	99
31) Cyclohexane	7.881	56	137758	48.724	ug/l	87
32) 1,1,1-Trichloroethane	7.799	97	147253	52.429	ug/l	98
36) 1,1-Dichloropropene	8.010	75	131135	50.572	ug/l	95
37) Ethyl Acetate	7.175	43	46768	48.448	ug/l #	93
38) Carbon Tetrachloride	7.993	117	128346	50.116	ug/l	93
39) Methylcyclohexane	9.275	83	160002	52.176	ug/l #	89
40) Benzene	8.251	78	394244	53.576	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.404	41	28734	54.209	ug/l	#	85
42) 1,2-Dichloroethane	8.328	62	96901	50.611	ug/l		95
43) Isopropyl Acetate	8.363	43	89042	50.347	ug/l	#	89
44) Trichloroethene	9.028	130	96812	51.426	ug/l		95
45) 1,2-Dichloropropane	9.304	63	99094	54.269	ug/l		97
46) Dibromomethane	9.393	93	51309	51.168	ug/l	#	88
47) Bromodichloromethane	9.587	83	131849	52.343	ug/l	#	97
48) Methyl methacrylate	9.381	41	50438	49.260	ug/l	#	79
49) 1,4-Dioxane	9.387	88	10100	1040.933	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.157	43	233841	251.619	ug/l		90
52) Toluene	10.334	92	248466	53.270	ug/l		96
53) t-1,3-Dichloropropene	10.557	75	120324	51.777	ug/l		99
54) cis-1,3-Dichloropropene	10.022	75	143570	51.536	ug/l	#	91
55) 1,1,2-Trichloroethane	10.734	97	68786	51.264	ug/l		89
56) Ethyl methacrylate	10.598	69	57342	52.205	ug/l	#	83
57) 1,3-Dichloropropane	10.881	76	117599	51.248	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	161705	245.666	ug/l		94
59) 2-Hexanone	10.922	43	185245	245.291	ug/l		86
60) Dibromochloromethane	11.075	129	80208	50.701	ug/l		93
61) 1,2-Dibromoethane	11.181	107	63492	51.334	ug/l		98
64) Tetrachloroethene	10.810	164	72141	50.544	ug/l		87
65) Chlorobenzene	11.610	112	252462	52.355	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	87748	50.921	ug/l		98
67) Ethyl Benzene	11.687	91	477002	54.359	ug/l		95
68) m/p-Xylenes	11.792	106	360197	107.476	ug/l		88
69) o-Xylene	12.122	106	163832	53.865	ug/l		89
70) Styrene	12.134	104	254562	55.854	ug/l		95
71) Bromoform	12.298	173	43681	51.186	ug/l	#	97
73) Isopropylbenzene	12.422	105	443667	54.611	ug/l		95
74) N-amyl acetate	12.234	43	79168	50.934	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.675	83	77027	50.954	ug/l		97
76) 1,2,3-Trichloropropane	12.722	75	50886m	51.348	ug/l		
77) Bromobenzene	12.704	156	94315	52.950	ug/l		84
78) n-propylbenzene	12.763	91	550766	54.661	ug/l		95
79) 2-Chlorotoluene	12.851	91	289430	53.827	ug/l		93
80) 1,3,5-Trimethylbenzene	12.904	105	367802	54.600	ug/l		92
81) trans-1,4-Dichloro-2-b...	12.469	75	25427	55.268	ug/l		94
82) 4-Chlorotoluene	12.945	91	305075	53.823	ug/l		94
83) tert-Butylbenzene	13.163	119	312610	55.514	ug/l		95
84) 1,2,4-Trimethylbenzene	13.210	105	373630	54.842	ug/l		95
85) sec-Butylbenzene	13.345	105	468080	54.896	ug/l		95
86) p-Isopropyltoluene	13.463	119	410923	55.379	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	193048	52.347	ug/l		96
88) 1,4-Dichlorobenzene	13.539	146	188742	51.804	ug/l		97
89) n-Butylbenzene	13.786	91	398232	55.131	ug/l		97
90) Hexachloroethane	14.051	117	78201	53.727	ug/l		81
91) 1,2-Dichlorobenzene	13.834	146	164708	53.113	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10307	47.711	ug/l		92
93) 1,2,4-Trichlorobenzene	15.098	180	98897	51.592	ug/l		96
94) Hexachlorobutadiene	15.204	225	50581	54.604	ug/l		98
95) Naphthalene	15.333	128	190158	53.057	ug/l		100
96) 1,2,3-Trichlorobenzene	15.522	180	84666	52.643	ug/l		98

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

