

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079653.D
 Acq On : 07 Aug 2024 20:46
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 08 01:56:07 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)

Internal Standards						
1) Pentafluorobenzene	7.875	168	176232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	311324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	142235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	92130	51.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	102.920%		
35) Dibromofluoromethane	7.804	113	98948	46.957	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.920%		
50) Toluene-d8	10.269	98	375564	45.896	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.800%		
62) 4-Bromofluorobenzene	12.569	95	109540	46.259	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	64889	46.993	ug/l	97
3) Chloromethane	2.146	50	126936	49.892	ug/l	98
4) Vinyl Chloride	2.281	62	153349	50.692	ug/l	96
5) Bromomethane	2.693	94	109547	57.783	ug/l	95
6) Chloroethane	2.834	64	110522	56.856	ug/l	98
7) Trichlorofluoromethane	3.169	101	152060	50.544	ug/l	98
8) Diethyl Ether	3.593	74	47938	52.750	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.969	101	98905	51.980	ug/l	96
10) Methyl Iodide	4.163	142	116792	50.459	ug/l	98
11) Tert butyl alcohol	5.052	59	26559	321.746	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	94590	49.676	ug/l	85
13) Acrolein	3.799	56	20327	159.966	ug/l	97
14) Allyl chloride	4.563	41	131533	52.311	ug/l	89
15) Acrylonitrile	5.257	53	124718	293.691	ug/l	99
16) Acetone	4.022	43	84761	243.608	ug/l	92
17) Carbon Disulfide	4.269	76	301063	47.899	ug/l	99
18) Methyl Acetate	4.558	43	63423	58.710	ug/l #	86
19) Methyl tert-butyl Ether	5.322	73	220785	56.804	ug/l	98
20) Methylene Chloride	4.799	84	140591	56.060	ug/l #	83
21) trans-1,2-Dichloroethene	5.310	96	110288	51.558	ug/l #	84
22) Diisopropyl ether	6.216	45	322643	57.671	ug/l #	94
23) Vinyl Acetate	6.152	43	1255203	298.464	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	202459	54.002	ug/l	96
25) 2-Butanone	7.081	43	136680	277.083	ug/l	94
26) 2,2-Dichloropropane	7.075	77	150944	49.775	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	133340	54.534	ug/l	89
28) Bromochloromethane	7.422	49	91379	55.582	ug/l #	69
29) Tetrahydrofuran	7.446	42	90476	295.962	ug/l #	83
30) Chloroform	7.599	83	212228	55.898	ug/l	99
31) Cyclohexane	7.881	56	148091	49.805	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	167704	53.530	ug/l	97
36) 1,1-Dichloropropene	8.010	75	142100	49.407	ug/l	96
37) Ethyl Acetate	7.169	43	66189	56.130	ug/l #	97
38) Carbon Tetrachloride	7.993	117	147427	48.761	ug/l	93
39) Methylcyclohexane	9.275	83	161552	47.078	ug/l	91
40) Benzene	8.251	78	467387	51.165	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	34938	53.864	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	109854	50.465	ug/l	96
43) Isopropyl Acetate	8.363	43	119969	54.132	ug/l	93
44) Trichloroethene	9.028	130	190490	83.769	ug/l	93
45) 1,2-Dichloropropane	9.304	63	119000	53.530	ug/l	90
46) Dibromomethane	9.393	93	63660	51.655	ug/l	92
47) Bromodichloromethane	9.587	83	158607	52.413	ug/l	98
48) Methyl methacrylate	9.381	41	56011	56.473	ug/l	85
49) 1,4-Dioxane	9.381	88	13545	1060.683	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	332274	293.662	ug/l	93
52) Toluene	10.334	92	292612	51.793	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	142815	51.105	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	174991	52.059	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	87661	53.997	ug/l	94
56) Ethyl methacrylate	10.598	69	105159	54.668	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	148206	53.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	263344	296.858	ug/l	90
59) 2-Hexanone	10.922	43	224979	285.100	ug/l	95
60) Dibromochloromethane	11.075	129	109196	51.489	ug/l	98
61) 1,2-Dibromoethane	11.181	107	78369	51.528	ug/l	97
64) Tetrachloroethene	10.804	164	90078	46.587	ug/l	89
65) Chlorobenzene	11.604	112	315619	49.706	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	106444	50.952	ug/l	98
67) Ethyl Benzene	11.681	91	534725	51.442	ug/l	100
68) m/p-Xylenes	11.792	106	422923	102.552	ug/l	93
69) o-Xylene	12.122	106	194708	51.509	ug/l	91
70) Styrene	12.134	104	348495	52.586	ug/l	96
71) Bromoform	12.298	173	59278	50.192	ug/l #	97
73) Isopropylbenzene	12.422	105	494987	46.722	ug/l	100
74) N-amyl acetate	12.234	43	115951	55.425	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	100563	54.424	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	75259m	60.533	ug/l	
77) Bromobenzene	12.698	156	117958	49.459	ug/l	86
78) n-propylbenzene	12.763	91	612537	51.519	ug/l	96
79) 2-Chlorotoluene	12.845	91	344956	52.106	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	411452	51.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	36256	55.619	ug/l	99
82) 4-Chlorotoluene	12.945	91	356721	51.688	ug/l	95
83) tert-Butylbenzene	13.163	119	345448	45.373	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	421319	47.452	ug/l	98
85) sec-Butylbenzene	13.345	105	530575	50.347	ug/l	100
86) p-Isopropyltoluene	13.457	119	440295	44.605	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	236200	47.811	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	233170	48.007	ug/l	98
89) n-Butylbenzene	13.786	91	407176	44.655	ug/l	98
90) Hexachloroethane	14.051	117	90151	48.909	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	207664	49.184	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	13468	54.779	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	117423	44.141	ug/l	99
94) Hexachlorobutadiene	15.198	225	60129	41.880	ug/l	98
95) Naphthalene	15.328	128	236865	51.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	107694	46.022	ug/l	99

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

