

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078527.D
 Acq On : 22 Feb 2024 19:45
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 23 01:10:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	117895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	203697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57929	45.444	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.880%		
35) Dibromofluoromethane	7.804	113	64473	49.828	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.660%		
50) Toluene-d8	10.269	98	241251	46.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.220%		
62) 4-Bromofluorobenzene	12.575	95	71799	47.667	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	56765	48.868	ug/l	95
3) Chloromethane	2.152	50	115919	54.301	ug/l	95
4) Vinyl Chloride	2.275	62	177685	54.547	ug/l	99
5) Bromomethane	2.681	94	124989	55.588	ug/l	98
6) Chloroethane	2.828	64	127055	53.489	ug/l	98
7) Trichlorofluoromethane	3.164	101	108862	49.541	ug/l	97
8) Diethyl Ether	3.593	74	33250	52.534	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.963	101	67746	48.870	ug/l	96
10) Methyl Iodide	4.163	142	65085	52.420	ug/l	90
11) Tert butyl alcohol	5.063	59	19581	284.189	ug/l	99
12) 1,1-Dichloroethene	3.928	96	61991	48.234	ug/l	92
13) Acrolein	3.799	56	31028	263.477	ug/l	99
14) Allyl chloride	4.558	41	73977	46.593	ug/l	95
15) Acrylonitrile	5.258	53	74107	273.512	ug/l	96
16) Acetone	4.028	43	59763	242.685	ug/l	89
17) Carbon Disulfide	4.263	76	188156	43.508	ug/l	97
18) Methyl Acetate	4.563	43	66558	69.755	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	150806	55.229	ug/l	99
20) Methylene Chloride	4.793	84	98125	69.135	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	74919	49.552	ug/l	95
22) Diisopropyl ether	6.216	45	178981	51.146	ug/l	94
23) Vinyl Acetate	6.157	43	343142m	238.612	ug/l	
24) 1,1-Dichloroethane	6.110	63	124696	50.301	ug/l	98
25) 2-Butanone	7.081	43	87240	271.467	ug/l	88
26) 2,2-Dichloropropane	7.075	77	100167	48.200	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	85416	51.492	ug/l	94
28) Bromochloromethane	7.422	49	55158	56.176	ug/l	87
29) Tetrahydrofuran	7.446	42	54310	286.485	ug/l	94
30) Chloroform	7.599	83	136746	52.136	ug/l	96
31) Cyclohexane	7.875	56	91697	42.524	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	112133	50.143	ug/l	99
36) 1,1-Dichloropropene	8.010	75	100144	49.821	ug/l	96
37) Ethyl Acetate	7.169	43	39072	55.451	ug/l	93
38) Carbon Tetrachloride	7.993	117	97121	48.789	ug/l	94
39) Methylcyclohexane	9.275	83	110907	46.477	ug/l	97
40) Benzene	8.252	78	303186	52.183	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20285	55.316	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	78114	51.960	ug/l	98
43) Isopropyl Acetate	8.363	43	71381	54.707	ug/l	96
44) Trichloroethene	9.028	130	78506	52.965	ug/l	91
45) 1,2-Dichloropropane	9.304	63	74269	52.100	ug/l	95
46) Dibromomethane	9.393	93	45312	56.512	ug/l	89
47) Bromodichloromethane	9.587	83	105928	53.338	ug/l #	99
48) Methyl methacrylate	9.381	41	41086	59.352	ug/l	87
49) 1,4-Dioxane	9.387	88	10995	1266.230	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	197029	284.512	ug/l	95
52) Toluene	10.334	92	193664	52.710	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	98690	54.461	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	116673	53.097	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	61852	57.282	ug/l	93
56) Ethyl methacrylate	10.598	69	52101	52.171	ug/l	94
57) 1,3-Dichloropropane	10.881	76	103556	56.379	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	202243	343.807	ug/l	96
59) 2-Hexanone	10.922	43	140310	269.602	ug/l	93
60) Dibromochloromethane	11.075	129	75680	58.252	ug/l	99
61) 1,2-Dibromoethane	11.181	107	59990	59.178	ug/l	100
64) Tetrachloroethene	10.810	164	65720	52.911	ug/l	94
65) Chlorobenzene	11.604	112	209306	52.943	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	78804	54.241	ug/l	96
67) Ethyl Benzene	11.681	91	366210	51.699	ug/l	98
68) m/p-Xylenes	11.792	106	291711	105.577	ug/l	93
69) o-Xylene	12.122	106	132969	52.735	ug/l	93
70) Styrene	12.134	104	207541	50.434	ug/l	97
71) Bromoform	12.298	173	44844	58.643	ug/l #	97
73) Isopropylbenzene	12.422	105	352748	50.135	ug/l	97
74) N-amyl acetate	12.234	43	64266	48.281	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	72995	52.300	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	46581m	52.364	ug/l	
77) Bromobenzene	12.698	156	88724	53.657	ug/l	94
78) n-propylbenzene	12.763	91	423460	48.295	ug/l	96
79) 2-Chlorotoluene	12.845	91	231516	49.298	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	291977	49.976	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	22212	51.838	ug/l	97
82) 4-Chlorotoluene	12.945	91	247059	48.983	ug/l	98
83) tert-Butylbenzene	13.169	119	254142	51.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	302589	51.032	ug/l	96
85) sec-Butylbenzene	13.345	105	372368	48.731	ug/l	95
86) p-Isopropyltoluene	13.457	119	333204	51.195	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	179565	50.880	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	179172	51.669	ug/l	100
89) n-Butylbenzene	13.787	91	310762	49.537	ug/l	97
90) Hexachloroethane	14.051	117	65319	48.829	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	158052	53.332	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9832	53.800	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	93520	53.695	ug/l	97
94) Hexachlorobutadiene	15.204	225	46709	51.380	ug/l	97
95) Naphthalene	15.333	128	190154	58.864	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	84811	57.457	ug/l	98

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

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