

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080082.D
 Acq On : 19 Nov 2024 14:12
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 17:48:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	165194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	258280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96557	56.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.540%
35) Dibromofluoromethane	7.805	113	98135	57.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.180%
50) Toluene-d8	10.269	98	383165	59.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	118.280%
62) 4-Bromofluorobenzene	12.575	95	127760	60.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	72220	54.472	ug/l	98
3) Chloromethane	2.146	50	82879	85.006	ug/l	94
4) Vinyl Chloride	2.281	62	109396	98.283	ug/l	94
5) Bromomethane	2.687	94	85820	77.246	ug/l	99
6) Chloroethane	2.834	64	72370	90.961	ug/l	99
7) Trichlorofluoromethane	3.175	101	146912	53.737	ug/l	99
8) Diethyl Ether	3.593	74	42641	53.429	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	87149	51.029	ug/l	96
10) Methyl Iodide	4.164	142	116430	55.078	ug/l	98
11) Tert butyl alcohol	5.058	59	24082	272.078	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	90918	53.115	ug/l	90
13) Acrolein	3.799	56	39925	235.080	ug/l	97
14) Allyl chloride	4.558	41	126227	52.023	ug/l	96
15) Acrylonitrile	5.252	53	95158	268.394	ug/l	98
16) Acetone	4.022	43	101438	274.875	ug/l	90
17) Carbon Disulfide	4.270	76	281545	51.080	ug/l	96
18) Methyl Acetate	4.564	43	43916	53.658	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	193029	55.276	ug/l	100
20) Methylene Chloride	4.799	84	103014	52.050	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	100415	53.065	ug/l	97
22) Diisopropyl ether	6.216	45	268303	54.606	ug/l	99
23) Vinyl Acetate	6.158	43	766131	272.157	ug/l	99
24) 1,1-Dichloroethane	6.111	63	170166	52.072	ug/l	98
25) 2-Butanone	7.081	43	126527	262.372	ug/l	98
26) 2,2-Dichloropropane	7.069	77	145197	51.115	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	113600	52.312	ug/l	98
28) Bromochloromethane	7.428	49	75330	51.799	ug/l #	95
29) Tetrahydrofuran	7.446	42	71669	271.311	ug/l	98
30) Chloroform	7.593	83	181731	52.786	ug/l	99
31) Cyclohexane	7.881	56	132281	47.761	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	151907	51.559	ug/l	98
36) 1,1-Dichloropropene	8.005	75	125369	53.338	ug/l	98
37) Ethyl Acetate	7.169	43	49671	49.165	ug/l	97
38) Carbon Tetrachloride	7.993	117	130416	50.784	ug/l	94
39) Methylcyclohexane	9.275	83	141228	50.467	ug/l	98
40) Benzene	8.252	78	387845	52.938	ug/l	99

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41) Methacrylonitrile	7.399	41	31765	58.261	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	99691	52.578	ug/l	98
43) Isopropyl Acetate	8.363	43	98295	53.672	ug/l	98
44) Trichloroethene	9.028	130	96255	50.772	ug/l	94
45) 1,2-Dichloropropane	9.305	63	94053	53.419	ug/l	99
46) Dibromomethane	9.393	93	54339	53.061	ug/l	98
47) Bromodichloromethane	9.581	83	135866	53.004	ug/l	97
48) Methyl methacrylate	9.381	41	47618	54.464	ug/l	96
49) 1,4-Dioxane	9.387	88	11510	1225.200	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	260321	280.167	ug/l	99
52) Toluene	10.334	92	247661	54.396	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	121900	53.347	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	144241	53.319	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	72632	53.609	ug/l	96
56) Ethyl methacrylate	10.599	69	88466	56.153	ug/l	95
57) 1,3-Dichloropropane	10.881	76	119109	54.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	194961	327.189	ug/l	96
59) 2-Hexanone	10.922	43	197038	288.301	ug/l	99
60) Dibromochloromethane	11.075	129	95933	55.011	ug/l	100
61) 1,2-Dibromoethane	11.181	107	67542	52.874	ug/l	96
64) Tetrachloroethene	10.810	164	85476	49.860	ug/l	96
65) Chlorobenzene	11.604	112	271404	51.684	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	95545	52.270	ug/l	97
67) Ethyl Benzene	11.681	91	466015	52.889	ug/l	99
68) m/p-Xylenes	11.793	106	371601	107.915	ug/l	100
69) o-Xylene	12.122	106	169446	54.742	ug/l	96
70) Styrene	12.134	104	306064	55.398	ug/l	99
71) Bromoform	12.299	173	56106	52.058	ug/l #	97
73) Isopropylbenzene	12.422	105	443744	53.245	ug/l	99
74) N-amyl acetate	12.234	43	98454	53.615	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	84150	52.539	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	53391m	46.787	ug/l	
77) Bromobenzene	12.698	156	115091	53.139	ug/l	95
78) n-propylbenzene	12.763	91	558205	54.197	ug/l	100
79) 2-Chlorotoluene	12.846	91	321044	53.154	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	382704	54.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	30034	53.865	ug/l	99
82) 4-Chlorotoluene	12.946	91	344305	53.324	ug/l	98
83) tert-Butylbenzene	13.163	119	327559	53.621	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	389818	55.016	ug/l	100
85) sec-Butylbenzene	13.346	105	489088	54.165	ug/l	98
86) p-Isopropyltoluene	13.457	119	411791	53.953	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	233909	53.333	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	227558	51.662	ug/l	98
89) n-Butylbenzene	13.787	91	381555	53.138	ug/l	98
90) Hexachloroethane	14.051	117	84263	51.500	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	202699	53.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12762	52.693	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	125427	52.302	ug/l	100
94) Hexachlorobutadiene	15.204	225	65640	50.644	ug/l	94
95) Naphthalene	15.334	128	220920	54.236	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	112931	53.624	ug/l	99

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

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