

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078689.D
 Acq On : 18 Mar 2024 11:26
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 01:23:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	217267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53347	42.304	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.600%		
35) Dibromofluoromethane	7.810	113	61894	44.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.500%		
50) Toluene-d8	10.269	98	234471	45.576	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.160%		
62) 4-Bromofluorobenzene	12.575	95	69239	46.003	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63020	50.322	ug/l	100
3) Chloromethane	2.152	50	88308	44.659	ug/l	100
4) Vinyl Chloride	2.287	62	137854	47.259	ug/l	93
5) Bromomethane	2.699	94	126452	45.277	ug/l	99
6) Chloroethane	2.840	64	104931	46.127	ug/l	99
7) Trichlorofluoromethane	3.181	101	114857	49.772	ug/l	98
8) Diethyl Ether	3.593	74	32843	48.745	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	72232	49.875	ug/l	99
10) Methyl Iodide	4.169	142	88723	51.790	ug/l	98
11) Tert butyl alcohol	5.052	59	14874	263.563	ug/l	95
12) 1,1-Dichloroethene	3.946	96	68967	50.094	ug/l	89
13) Acrolein	3.805	56	21080	238.452	ug/l	98
14) Allyl chloride	4.563	41	75501	49.148	ug/l	98
15) Acrylonitrile	5.258	53	67006	246.698	ug/l	97
16) Acetone	4.022	43	62631	256.843	ug/l	94
17) Carbon Disulfide	4.275	76	221773	49.137	ug/l	99
18) Methyl Acetate	4.563	43	27092	51.769	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	139856	50.372	ug/l	100
20) Methylene Chloride	4.799	84	82315	49.461	ug/l	96
21) trans-1,2-Dichloroethene	5.322	96	79008	48.634	ug/l	89
22) Diisopropyl ether	6.216	45	171479	49.097	ug/l	97
23) Vinyl Acetate	6.158	43	514816	251.989	ug/l	100
24) 1,1-Dichloroethane	6.110	63	125999	48.117	ug/l	99
25) 2-Butanone	7.081	43	77863	240.170	ug/l	95
26) 2,2-Dichloropropane	7.075	77	110410	49.836	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	91039	49.134	ug/l	97
28) Bromochloromethane	7.422	49	42582	45.612	ug/l	99
29) Tetrahydrofuran	7.446	42	46546	263.965	ug/l	99
30) Chloroform	7.599	83	140203	48.020	ug/l	95
31) Cyclohexane	7.881	56	100621	47.473	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	121857	49.192	ug/l	97
36) 1,1-Dichloropropene	8.010	75	104543	51.508	ug/l	99
37) Ethyl Acetate	7.169	43	32568	49.117	ug/l #	74
38) Carbon Tetrachloride	7.993	117	111218	51.977	ug/l	97
39) Methylcyclohexane	9.275	83	126713	53.818	ug/l	95
40) Benzene	8.252	78	310698	50.640	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15012	43.203	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	76345	51.025	ug/l	100
43) Isopropyl Acetate	8.357	43	60599	50.254	ug/l	99
44) Trichloroethene	9.028	130	84633	50.829	ug/l	95
45) 1,2-Dichloropropane	9.304	63	73736	50.662	ug/l	100
46) Dibromomethane	9.393	93	43342	49.678	ug/l	99
47) Bromodichloromethane	9.587	83	104709	50.414	ug/l	95
48) Methyl methacrylate	9.381	41	29596	50.371	ug/l	98
49) 1,4-Dioxane	9.387	88	8607	1065.473	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	168161	266.748	ug/l	100
52) Toluene	10.334	92	202558	51.280	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	97298	51.236	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	116115	50.863	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	58925	50.435	ug/l	96
56) Ethyl methacrylate	10.598	69	61891	52.842	ug/l	98
57) 1,3-Dichloropropane	10.881	76	96026	50.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	126430	244.809	ug/l	99
59) 2-Hexanone	10.922	43	124702	266.839	ug/l	99
60) Dibromochloromethane	11.075	129	73080	50.721	ug/l	99
61) 1,2-Dibromoethane	11.181	107	57081	50.484	ug/l	99
64) Tetrachloroethene	10.810	164	70401	53.154	ug/l	98
65) Chlorobenzene	11.610	112	214182	51.211	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	79598	51.967	ug/l	99
67) Ethyl Benzene	11.681	91	383047	53.745	ug/l	96
68) m/p-Xylenes	11.793	106	312299	107.910	ug/l	99
69) o-Xylene	12.122	106	144157	53.836	ug/l	99
70) Styrene	12.134	104	243632	54.208	ug/l	99
71) Bromoform	12.298	173	44600	53.880	ug/l #	94
73) Isopropylbenzene	12.422	105	369710	53.541	ug/l	100
74) N-amyl acetate	12.234	43	57870	51.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	63694	49.828	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	42670m	52.808	ug/l	
77) Bromobenzene	12.698	156	88962	51.950	ug/l	96
78) n-propylbenzene	12.763	91	456648	54.329	ug/l	100
79) 2-Chlorotoluene	12.851	91	239802	52.006	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	304344	53.298	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19456	50.473	ug/l	96
82) 4-Chlorotoluene	12.945	91	250637	51.391	ug/l	100
83) tert-Butylbenzene	13.169	119	265600	53.943	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	313231	54.432	ug/l	99
85) sec-Butylbenzene	13.345	105	406751	54.589	ug/l	99
86) p-Isopropyltoluene	13.463	119	351525	55.109	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	187689	51.937	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	185119	51.978	ug/l	99
89) n-Butylbenzene	13.787	91	317703	55.150	ug/l	99
90) Hexachloroethane	14.057	117	67278	50.974	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	158031	50.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8279	48.415	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	95532	52.594	ug/l	95
94) Hexachlorobutadiene	15.204	225	52350	53.235	ug/l	98
95) Naphthalene	15.334	128	167654	53.087	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	81891	52.112	ug/l	98

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

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