

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079448.D
 Acq On : 30 Jul 2024 09:27
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

Quant Time: Jul 30 15:40:48 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	277250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	445311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	414377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	206122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	137395	48.780	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.560%		
35) Dibromofluoromethane	7.805	113	149536	49.613	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.220%		
50) Toluene-d8	10.269	98	601769	51.412	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.820%		
62) 4-Bromofluorobenzene	12.569	95	176982	52.251	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	108777	50.074	ug/l	96
3) Chloromethane	2.146	50	183560	45.860	ug/l	99
4) Vinyl Chloride	2.281	62	230705	48.476	ug/l	98
5) Bromomethane	2.687	94	143440	47.626	ug/l	100
6) Chloroethane	2.834	64	146228	47.816	ug/l	96
7) Trichlorofluoromethane	3.170	101	237740	50.231	ug/l	100
8) Diethyl Ether	3.593	74	72969	51.038	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.964	101	154057	51.465	ug/l	100
10) Methyl Iodide	4.158	142	176460	48.659	ug/l	98
11) Tert butyl alcohol	5.052	59	39010	302.932	ug/l #	97
12) 1,1-Dichloroethene	3.934	96	150710	50.310	ug/l	94
13) Acrolein	3.793	56	56803	281.064	ug/l	95
14) Allyl chloride	4.558	41	197609	49.955	ug/l #	87
15) Acrylonitrile	5.252	53	169769	254.117	ug/l	97
16) Acetone	4.017	43	163955	299.525	ug/l	98
17) Carbon Disulfide	4.270	76	497992	50.362	ug/l	99
18) Methyl Acetate	4.564	43	85681	50.415	ug/l #	86
19) Methyl tert-butyl Ether	5.317	73	323462	52.899	ug/l	99
20) Methylene Chloride	4.793	84	188238	45.576	ug/l #	84
21) trans-1,2-Dichloroethene	5.311	96	167835	49.873	ug/l	89
22) Diisopropyl ether	6.217	45	451151	51.259	ug/l	94
23) Vinyl Acetate	6.152	43	1778009	268.736	ug/l	94
24) 1,1-Dichloroethane	6.111	63	288397	48.896	ug/l	96
25) 2-Butanone	7.081	43	215890	278.196	ug/l	93
26) 2,2-Dichloropropane	7.075	77	237239	49.727	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	192188	49.963	ug/l	90
28) Bromochloromethane	7.422	49	111003	42.918	ug/l #	74
29) Tetrahydrofuran	7.440	42	129541	269.354	ug/l #	82
30) Chloroform	7.593	83	291312	48.772	ug/l	98
31) Cyclohexane	7.875	56	242383	51.816	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	249381	50.598	ug/l	99
36) 1,1-Dichloropropene	8.005	75	218110	53.018	ug/l	96
37) Ethyl Acetate	7.169	43	93329	55.332	ug/l #	96
38) Carbon Tetrachloride	7.987	117	229821	53.142	ug/l	97
39) Methylcyclohexane	9.269	83	274339	55.891	ug/l	92
40) Benzene	8.246	78	673420	51.538	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	43632	47.028	ug/l	93
42) 1,2-Dichloroethane	8.322	62	158471	50.895	ug/l	96
43) Isopropyl Acetate	8.358	43	168710	53.220	ug/l	93
44) Trichloroethene	9.028	130	163941	50.402	ug/l	97
45) 1,2-Dichloropropane	9.305	63	164085	51.602	ug/l	99
46) Dibromomethane	9.393	93	90454	51.313	ug/l	96
47) Bromodichloromethane	9.581	83	222812	51.476	ug/l	97
48) Methyl methacrylate	9.381	41	79270	55.876	ug/l	88
49) 1,4-Dioxane	9.381	88	18743	1026.113	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	461865	285.375	ug/l	94
52) Toluene	10.328	92	428004	52.963	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	206427	51.643	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	252126	52.438	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	120381	51.841	ug/l	94
56) Ethyl methacrylate	10.593	69	154296	56.078	ug/l	93
57) 1,3-Dichloropropane	10.875	76	206714	52.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	321990	253.756	ug/l	92
59) 2-Hexanone	10.916	43	346586	307.054	ug/l	97
60) Dibromochloromethane	11.069	129	155451	51.245	ug/l	97
61) 1,2-Dibromoethane	11.175	107	113605	52.221	ug/l	95
64) Tetrachloroethene	10.810	164	144279	51.636	ug/l	95
65) Chlorobenzene	11.604	112	460408	50.176	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	154599	51.209	ug/l	99
67) Ethyl Benzene	11.681	91	798873	53.182	ug/l	98
68) m/p-Xylenes	11.793	106	640202	107.424	ug/l	96
69) o-Xylene	12.116	106	288866	52.881	ug/l	91
70) Styrene	12.134	104	511320	53.391	ug/l	97
71) Bromoform	12.299	173	90732	53.162	ug/l #	100
73) Isopropylbenzene	12.416	105	752403	48.829	ug/l	100
74) N-amyl acetate	12.228	43	173011	57.067	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	138533	51.735	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	107171m	59.483	ug/l	
77) Bromobenzene	12.699	156	179797	52.022	ug/l	90
78) n-propylbenzene	12.757	91	931080	54.039	ug/l	97
79) 2-Chlorotoluene	12.846	91	507131	52.860	ug/l	96
80) 1,3,5-Trimethylbenzene	12.899	105	627789	54.676	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	49891	52.814	ug/l	97
82) 4-Chlorotoluene	12.946	91	526823	52.675	ug/l	99
83) tert-Butylbenzene	13.163	119	544056	48.996	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	628526	48.747	ug/l	99
85) sec-Butylbenzene	13.340	105	830700	54.394	ug/l	99
86) p-Isopropyltoluene	13.457	119	707995	49.068	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	368171	51.426	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	359452	51.069	ug/l	98
89) n-Butylbenzene	13.781	91	657946	49.357	ug/l	98
90) Hexachloroethane	14.051	117	138418	51.819	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	311866	50.970	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	18787	52.729	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	199447	51.736	ug/l	99
94) Hexachlorobutadiene	15.198	225	110880	53.291	ug/l	94
95) Naphthalene	15.328	128	369309	55.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	174731	51.526	ug/l	99

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

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