

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079441.D
 Acq On : 29 Jul 2024 17:39
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 03:14:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:10:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	283593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	446882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	405775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	198463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130355	45.246	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.500%		
35) Dibromofluoromethane	7.798	113	150211	49.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.320%		
50) Toluene-d8	10.269	98	612167	52.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.240%		
62) 4-Bromofluorobenzene	12.569	95	171933	50.582	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	109403	49.236	ug/l	97
3) Chloromethane	2.146	50	196662	48.034	ug/l	96
4) Vinyl Chloride	2.281	62	247061	50.752	ug/l	100
5) Bromomethane	2.687	94	157183	51.221	ug/l	96
6) Chloroethane	2.834	64	149482	47.786	ug/l	95
7) Trichlorofluoromethane	3.169	101	246925	51.005	ug/l	100
8) Diethyl Ether	3.593	74	66567	45.519	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.957	101	156339	51.059	ug/l	99
10) Methyl Iodide	4.157	142	205658	54.695	ug/l	100
11) Tert butyl alcohol	5.051	59	28709	223.561	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	157811	51.502	ug/l	94
13) Acrolein	3.793	56	45886	225.639	ug/l	97
14) Allyl chloride	4.557	41	204154	50.455	ug/l	88
15) Acrylonitrile	5.251	53	139613	204.304	ug/l	98
16) Acetone	4.022	43	122429	218.660	ug/l	94
17) Carbon Disulfide	4.263	76	524151	51.822	ug/l	97
18) Methyl Acetate	4.563	43	68206	39.235	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	282185	45.116	ug/l	99
20) Methylene Chloride	4.799	84	210409	51.202	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	178644	51.898	ug/l	90
22) Diisopropyl ether	6.210	45	446753	49.624	ug/l #	94
23) Vinyl Acetate	6.151	43	1562476	230.877	ug/l	95
24) 1,1-Dichloroethane	6.104	63	302344	50.114	ug/l	96
25) 2-Butanone	7.075	43	163043	205.398	ug/l	96
26) 2,2-Dichloropropane	7.069	77	251208	51.477	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	202642	51.503	ug/l	91
28) Bromochloromethane	7.422	49	112875	42.665	ug/l #	76
29) Tetrahydrofuran	7.445	42	99416	202.092	ug/l #	84
30) Chloroform	7.592	83	303166	49.621	ug/l	98
31) Cyclohexane	7.875	56	239024	49.955	ug/l	87
32) 1,1,1-Trichloroethane	7.792	97	259649	51.503	ug/l	98
36) 1,1-Dichloropropene	8.004	75	225611	54.648	ug/l	98
37) Ethyl Acetate	7.163	43	73739	43.564	ug/l	98
38) Carbon Tetrachloride	7.987	117	235547	54.274	ug/l	97
39) Methylcyclohexane	9.269	83	272393	55.299	ug/l	94
40) Benzene	8.251	78	699619	53.355	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	36717	39.436	ug/l	91
42) 1,2-Dichloroethane	8.322	62	150804	48.263	ug/l	96
43) Isopropyl Acetate	8.357	43	139010	43.697	ug/l #	94
44) Trichloroethene	9.028	130	173624	53.191	ug/l	97
45) 1,2-Dichloropropane	9.304	63	164574	51.574	ug/l	91
46) Dibromomethane	9.392	93	84347	47.680	ug/l	98
47) Bromodichloromethane	9.581	83	220260	50.708	ug/l	98
48) Methyl methacrylate	9.381	41	65546	46.040	ug/l	85
49) 1,4-Dioxane	9.381	88	16512	900.795	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	352279	216.899	ug/l	95
52) Toluene	10.334	92	444276	54.784	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	197463	49.226	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	248118	51.423	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	111109	47.679	ug/l	94
56) Ethyl methacrylate	10.592	69	131150	47.498	ug/l	91
57) 1,3-Dichloropropane	10.875	76	189659	47.895	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	295896	232.372	ug/l	91
59) 2-Hexanone	10.922	43	255419	225.490	ug/l	95
60) Dibromochloromethane	11.075	129	147706	48.520	ug/l	99
61) 1,2-Dibromoethane	11.175	107	103345	47.338	ug/l	97
64) Tetrachloroethene	10.810	164	148935	54.432	ug/l	95
65) Chlorobenzene	11.604	112	477921	53.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	156673	52.996	ug/l	98
67) Ethyl Benzene	11.681	91	827745	56.272	ug/l	99
68) m/p-Xylenes	11.792	106	653616	112.000	ug/l	94
69) o-Xylene	12.116	106	301323	56.331	ug/l	92
70) Styrene	12.133	104	526389	56.130	ug/l	97
71) Bromoform	12.292	173	78059	46.707	ug/l #	96
73) Isopropylbenzene	12.416	105	776127	52.054	ug/l	100
74) N-amyl acetate	12.228	43	134734	46.157	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	118189	45.841	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	70394m	40.429	ug/l	
77) Bromobenzene	12.698	156	177092	53.216	ug/l	92
78) n-propylbenzene	12.763	91	953553	57.479	ug/l	98
79) 2-Chlorotoluene	12.845	91	518134	56.091	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	634860	57.426	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	40993	45.069	ug/l	98
82) 4-Chlorotoluene	12.945	91	533287	55.379	ug/l	100
83) tert-Butylbenzene	13.163	119	551712	51.410	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	643719	51.634	ug/l	98
85) sec-Butylbenzene	13.339	105	838996	57.057	ug/l	100
86) p-Isopropyltoluene	13.457	119	711509	51.045	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	365590	53.036	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	350617	51.736	ug/l	97
89) n-Butylbenzene	13.786	91	659797	51.249	ug/l	99
90) Hexachloroethane	14.051	117	140408	54.593	ug/l	98
91) 1,2-Dichlorobenzene	13.827	146	306545	52.034	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	15584	45.427	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	187011	50.383	ug/l	99
94) Hexachlorobutadiene	15.198	225	108263	54.041	ug/l	97
95) Naphthalene	15.327	128	306363	47.687	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	160129	49.042	ug/l	99

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

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