

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072224\
 Data File : VD079389.D
 Acq On : 22 Jul 2024 14:24
 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 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/23/2024

Quant Time: Jul 23 10:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 09:57:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	189825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	336884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	314659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109329	50.692	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.380%			
35) Dibromofluoromethane	7.799	113	119928	51.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.380%			
50) Toluene-d8	10.269	98	463172	52.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.520%			
62) 4-Bromofluorobenzene	12.569	95	141452	52.186	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	75733	49.331	ug/l	95
3) Chloromethane	2.146	50	89627	51.556	ug/l	98
4) Vinyl Chloride	2.275	62	113491	53.357	ug/l	98
5) Bromomethane	2.681	94	75606	51.207	ug/l	100
6) Chloroethane	2.828	64	53410	55.486	ug/l	92
7) Trichlorofluoromethane	3.170	101	161557	47.631	ug/l	96
8) Diethyl Ether	3.593	74	57400	52.299	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	112684	48.278	ug/l	96
10) Methyl Iodide	4.158	142	120108	47.406	ug/l	98
11) Tert butyl alcohol	5.058	59	33833	252.162	ug/l	98
12) 1,1-Dichloroethene	3.934	96	105426	47.648	ug/l	92
13) Acrolein	3.793	56	22161	241.877	ug/l	100
14) Allyl chloride	4.552	41	141370	49.540	ug/l	86
15) Acrylonitrile	5.246	53	136636	257.121	ug/l	98
16) Acetone	4.017	43	115377	260.899	ug/l	96
17) Carbon Disulfide	4.264	76	316748	49.166	ug/l	99
18) Methyl Acetate	4.564	43	65060	51.844	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	259043	51.759	ug/l	99
20) Methylene Chloride	4.793	84	177040	53.824	ug/l #	91
21) trans-1,2-Dichloroethene	5.311	96	119777	48.283	ug/l	87
22) Diisopropyl ether	6.211	45	334695	51.071	ug/l	96
23) Vinyl Acetate	6.152	43	1322688	260.560	ug/l	93
24) 1,1-Dichloroethane	6.105	63	212593	47.100	ug/l	95
25) 2-Butanone	7.081	43	160360	247.355	ug/l	95
26) 2,2-Dichloropropane	7.069	77	175027	46.507	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	139227	48.577	ug/l	87
28) Bromochloromethane	7.422	49	89025	48.545	ug/l #	76
29) Tetrahydrofuran	7.440	42	101342	258.124	ug/l #	85
30) Chloroform	7.593	83	222958	47.393	ug/l	99
31) Cyclohexane	7.875	56	157726	45.528	ug/l	85
32) 1,1,1-Trichloroethane	7.787	97	181680	47.054	ug/l	97
36) 1,1-Dichloropropene	8.005	75	154221	48.997	ug/l	96
37) Ethyl Acetate	7.163	43	73470	53.783	ug/l	97
38) Carbon Tetrachloride	7.987	117	159190	47.940	ug/l	98
39) Methylcyclohexane	9.275	83	185634	51.345	ug/l	95
40) Benzene	8.252	78	482811	48.750	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	35993	46.571	ug/l	87
42) 1,2-Dichloroethane	8.322	62	117731	47.692	ug/l	97
43) Isopropyl Acetate	8.357	43	131001	52.200	ug/l #	94
44) Trichloroethene	9.022	130	113780	47.586	ug/l	90
45) 1,2-Dichloropropane	9.304	63	119962	48.591	ug/l	96
46) Dibromomethane	9.393	93	69919	48.386	ug/l	93
47) Bromodichloromethane	9.581	83	173493	48.724	ug/l	97
48) Methyl methacrylate	9.375	41	58636	51.676	ug/l	90
49) 1,4-Dioxane	9.387	88	15990	1018.322	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	361348	266.418	ug/l	98
52) Toluene	10.328	92	306311	49.420	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	158221	49.091	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	189227	50.219	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	95576	49.642	ug/l	95
56) Ethyl methacrylate	10.599	69	122560	52.916	ug/l	95
57) 1,3-Dichloropropane	10.875	76	158159	49.848	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	280613	271.989	ug/l	90
59) 2-Hexanone	10.916	43	257566	268.099	ug/l	100
60) Dibromochloromethane	11.069	129	123267	49.855	ug/l	99
61) 1,2-Dibromoethane	11.175	107	89131	49.950	ug/l	94
64) Tetrachloroethene	10.804	164	92261	46.417	ug/l	93
65) Chlorobenzene	11.604	112	334673	48.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	115624	49.256	ug/l	96
67) Ethyl Benzene	11.681	91	580432	50.679	ug/l	98
68) m/p-Xylenes	11.793	106	455049	102.415	ug/l	90
69) o-Xylene	12.116	106	213636	51.743	ug/l	88
70) Styrene	12.134	104	386680	52.740	ug/l	96
71) Bromoform	12.293	173	67907	49.182	ug/l #	99
73) Isopropylbenzene	12.416	105	545880	51.160	ug/l	97
74) N-amyl acetate	12.228	43	127673	52.623	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	116636	49.803	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	67580m	41.506	ug/l	
77) Bromobenzene	12.698	156	128759	49.675	ug/l	82
78) n-propylbenzene	12.757	91	690652	51.465	ug/l	95
79) 2-Chlorotoluene	12.845	91	383288	50.071	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	458393	51.223	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	41365	50.914	ug/l	97
82) 4-Chlorotoluene	12.945	91	401010	49.077	ug/l	95
83) tert-Butylbenzene	13.163	119	386802	50.797	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	469776	51.728	ug/l	97
85) sec-Butylbenzene	13.340	105	592069	49.836	ug/l	98
86) p-Isopropyltoluene	13.457	119	497340	51.084	ug/l	96
87) 1,3-Dichlorobenzene	13.451	146	262681	48.601	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	258370	47.832	ug/l	97
89) n-Butylbenzene	13.781	91	487326	51.213	ug/l	97
90) Hexachloroethane	14.051	117	102840	47.075	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	227725	48.692	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.440	75	16211	49.973	ug/l	87
93) 1,2,4-Trichlorobenzene	15.092	180	135198	50.317	ug/l	98
94) Hexachlorobutadiene	15.198	225	72047	47.988	ug/l	97
95) Naphthalene	15.328	128	286882	53.137	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	122820	50.348	ug/l	97

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

