

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
 Data File : VD072461.D
 Acq On : 29 Mar 2022 13:58
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 30 02:07:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 01:44:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	416342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	695676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	630953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	312937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	49740	10.463	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.920%#		
35) Dibromofluoromethane	7.914	113	56038	11.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.180%#		
50) Toluene-d8	10.332	98	191471	10.521	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	21.040%#		
62) 4-Bromofluorobenzene	12.620	95	74300	10.512	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	21.020%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	32204	8.525	ug/l	99
3) Chloromethane	2.209	50	26838	7.891	ug/l	94
4) Vinyl Chloride	2.350	62	29451	8.901	ug/l	96
5) Bromomethane	2.773	94	22959	10.363	ug/l	97
6) Chloroethane	2.926	64	20500	9.266	ug/l #	76
7) Trichlorofluoromethane	3.273	101	67375	9.010	ug/l	96
8) Diethyl Ether	3.715	74	19304	9.195	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	46565	9.738	ug/l	98
10) Methyl Iodide	4.303	142	29494	7.652	ug/l	96
11) Tert butyl alcohol	5.215	59	12456	45.402	ug/l #	88
12) 1,1-Dichloroethene	4.073	96	32641	8.486	ug/l #	82
13) Acrolein	3.920	56	6841	31.347	ug/l	88
14) Allyl chloride	4.715	41	55162	8.298	ug/l #	91
15) Acrylonitrile	5.426	53	51642	48.784	ug/l	95
16) Acetone	4.162	43	40011	39.772	ug/l #	87
17) Carbon Disulfide	4.415	76	45070	5.902	ug/l #	91
18) Methyl Acetate	4.726	43	29274	11.669	ug/l	93
19) Methyl tert-butyl Ether	5.485	73	102439	9.651	ug/l	98
20) Methylene Chloride	4.967	84	57142	9.381	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	37987	8.886	ug/l #	74
22) Diisopropyl ether	6.367	45	143426	9.313	ug/l #	91
23) Vinyl Acetate	6.303	43	324408	41.353	ug/l #	90
24) 1,1-Dichloroethane	6.267	63	88333	9.738	ug/l	99
25) 2-Butanone	7.209	43	60988	44.849	ug/l	97
26) 2,2-Dichloropropane	7.209	77	75119	9.215	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	54419	9.893	ug/l	92
28) Bromochloromethane	7.544	49	35102	9.570	ug/l	86
29) Tetrahydrofuran	7.556	42	35844	44.656	ug/l	93
30) Chloroform	7.708	83	102431	10.493	ug/l	95
31) Cyclohexane	7.985	56	58789	8.193	ug/l #	75
32) 1,1,1-Trichloroethane	7.903	97	84906	9.865	ug/l	96
36) 1,1-Dichloropropene	8.114	75	55880	8.172	ug/l	97
37) Ethyl Acetate	7.291	43	26644	8.810	ug/l #	97
38) Carbon Tetrachloride	8.097	117	71523	9.127	ug/l	97
39) Methylcyclohexane	9.350	83	55026	7.190	ug/l	87
40) Benzene	8.350	78	175767	8.916	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	16839	9.818	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	55426	9.245	ug/l	95
43) Isopropyl Acetate	8.444	43	51684	8.786	ug/l #	89
44) Trichloroethene	9.108	130	49663	8.970	ug/l	95
45) 1,2-Dichloropropane	9.379	63	54010	9.957	ug/l	94
46) Dibromomethane	9.473	93	25323	9.353	ug/l	95
47) Bromodichloromethane	9.655	83	82627	10.581	ug/l	91
48) Methyl methacrylate	9.455	41	23450	8.466	ug/l #	87
49) 1,4-Dioxane	9.455	88	6089	188.736	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	137912	44.528	ug/l	93
52) Toluene	10.397	92	117627	9.064	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	67337	9.436	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	78443	9.512	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	42586	10.361	ug/l	92
56) Ethyl methacrylate	10.655	69	41038	8.517	ug/l	84
57) 1,3-Dichloropropane	10.944	76	68884	10.029	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	83546	38.828	ug/l	96
59) 2-Hexanone	10.979	43	87590	40.910	ug/l	92
60) Dibromochloromethane	11.132	129	51848	9.739	ug/l	97
61) 1,2-Dibromoethane	11.244	107	35247	9.527	ug/l	94
64) Tetrachloroethene	10.867	164	37988	8.637	ug/l	92
65) Chlorobenzene	11.661	112	140724	10.007	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	57053	10.232	ug/l	98
67) Ethyl Benzene	11.738	91	231336	9.234	ug/l	98
68) m/p-Xylenes	11.849	106	171576	18.043	ug/l	99
69) o-Xylene	12.173	106	84755	9.327	ug/l	96
70) Styrene	12.185	104	151128	9.445	ug/l	99
71) Bromoform	12.349	173	29824	9.995	ug/l #	98
73) Isopropylbenzene	12.473	105	238403	9.548	ug/l	100
74) N-amyl acetate	12.279	43	49912	9.270	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	49774	11.008	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	31826m	9.014	ug/l	
77) Bromobenzene	12.749	156	56524	10.015	ug/l	92
78) n-propylbenzene	12.814	91	294089	9.695	ug/l	99
79) 2-Chlorotoluene	12.902	91	175812	9.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	217016	10.108	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	12959	9.186	ug/l	92
82) 4-Chlorotoluene	12.996	91	185070	10.172	ug/l	100
83) tert-Butylbenzene	13.214	119	182571	9.733	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	205385	9.731	ug/l	99
85) sec-Butylbenzene	13.391	105	275939	9.789	ug/l	100
86) p-Isopropyltoluene	13.508	119	222535	9.617	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	119909	10.200	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	119802	10.264	ug/l	98
89) n-Butylbenzene	13.832	91	213092	9.673	ug/l	98
90) Hexachloroethane	14.102	117	47671	10.447	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	107368	10.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	6854	9.629	ug/l	85
93) 1,2,4-Trichlorobenzene	15.149	180	61371	9.091	ug/l	93
94) Hexachlorobutadiene	15.255	225	37032	9.562	ug/l	98
95) Naphthalene	15.385	128	117797	9.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	54967	9.383	ug/l	99

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

