

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012622\
 Data File : VD071785.D
 Acq On : 26 Jan 2022 13:30
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 26 14:42:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 26 14:39:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	380924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	646778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	587625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	270832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	47371	9.665	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.320%#		
35) Dibromofluoromethane	7.914	113	41147	9.626	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.260%#		
50) Toluene-d8	10.338	98	149721	9.357	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.720%#		
62) 4-Bromofluorobenzene	12.626	95	52953	9.392	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	54165	17.320	ug/l	92
3) Chloromethane	2.209	50	61172	14.834	ug/l	97
4) Vinyl Chloride	2.350	62	62778	13.255	ug/l	96
5) Bromomethane	2.773	94	42098	11.825	ug/l	100
6) Chloroethane	2.926	64	39063	11.574	ug/l	100
7) Trichlorofluoromethane	3.279	101	88380	13.163	ug/l	99
8) Diethyl Ether	3.715	74	20089	11.376	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	49849	12.703	ug/l	98
10) Methyl Iodide	4.303	142	43472	11.586	ug/l	96
11) Tert butyl alcohol	5.209	59	22118m	47.896	ug/l	
12) 1,1-Dichloroethene	4.079	96	42427	12.459	ug/l	88
13) Acrolein	3.932	56	22100	46.196	ug/l	96
14) Allyl chloride	4.715	41	78967	11.695	ug/l	98
15) Acrylonitrile	5.426	53	53918	57.777	ug/l	97
16) Acetone	4.156	43	61896	54.697	ug/l	98
17) Carbon Disulfide	4.415	76	155163	17.179	ug/l	99
18) Methyl Acetate	4.720	43	25633	7.228	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	96015	10.681	ug/l	99
20) Methylene Chloride	4.962	84	59518	11.982	ug/l #	90
21) trans-1,2-Dichloroethene	5.479	96	50538	12.995	ug/l	85
22) Diisopropyl ether	6.362	45	150323	10.339	ug/l	99
23) Vinyl Acetate	6.303	43	393536	57.999	ug/l #	94
24) 1,1-Dichloroethane	6.267	63	94670	11.407	ug/l	98
25) 2-Butanone	7.209	43	73110	54.682	ug/l	92
26) 2,2-Dichloropropane	7.209	77	73832	10.594	ug/l	99
27) cis-1,2-Dichloroethene	7.220	96	52385	11.413	ug/l	98
28) Bromochloromethane	7.550	49	32025	7.921	ug/l	93
29) Tetrahydrofuran	7.567	42	43414	56.444	ug/l	96
30) Chloroform	7.709	83	96410	11.360	ug/l	97
31) Cyclohexane	7.979	56	97514	13.352	ug/l #	91
32) 1,1,1-Trichloroethane	7.903	97	85960	11.492	ug/l	95
36) 1,1-Dichloropropene	8.108	75	73014	11.975	ug/l	98
37) Ethyl Acetate	7.291	43	33700	11.909	ug/l	96
38) Carbon Tetrachloride	8.091	117	72774	11.786	ug/l	97
39) Methylcyclohexane	9.355	83	83618	12.696	ug/l	95
40) Benzene	8.350	78	197771	11.772	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	16043	8.681	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	61549	10.823	ug/l	99
43) Isopropyl Acetate	8.450	43	57781	10.847	ug/l	97
44) Trichloroethene	9.108	130	50536	11.689	ug/l	93
45) 1,2-Dichloropropane	9.385	63	51207	11.276	ug/l	97
46) Dibromomethane	9.473	93	26461	11.384	ug/l	98
47) Bromodichloromethane	9.661	83	71944	11.273	ug/l	94
48) Methyl methacrylate	9.450	41	31301	11.628	ug/l #	85
49) 1,4-Dioxane	9.455	88	6137	263.343	ug/l #	85
51) 4-Methyl-2-Pentanone	10.226	43	149503	53.133	ug/l	100
52) Toluene	10.403	92	118309	11.188	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	61586	11.001	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	72887	11.042	ug/l	89
55) 1,1,2-Trichloroethane	10.797	97	34994	11.484	ug/l	95
56) Ethyl methacrylate	10.655	69	38646	10.346	ug/l	98
57) 1,3-Dichloropropane	10.944	76	61763	10.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	89896	43.597	ug/l	98
59) 2-Hexanone	10.979	43	103925	52.881	ug/l	98
60) Dibromochloromethane	11.132	129	42827	11.041	ug/l	99
61) 1,2-Dibromoethane	11.238	107	33944	11.643	ug/l	96
64) Tetrachloroethene	10.873	164	43816	12.694	ug/l	96
65) Chlorobenzene	11.667	112	128774	11.452	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	45974	10.783	ug/l	96
67) Ethyl Benzene	11.738	91	220498	10.681	ug/l	94
68) m/p-Xylenes	11.844	106	172647	22.486	ug/l	95
69) o-Xylene	12.173	106	74129	10.201	ug/l	99
70) Styrene	12.191	104	132226	10.615	ug/l	98
71) Bromoform	12.355	173	24337	11.690	ug/l #	99
73) Isopropylbenzene	12.473	105	204517	10.508	ug/l	99
74) N-amyl acetate	12.285	43	48690	10.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	40362	11.703	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	31878m	12.181	ug/l	
77) Bromobenzene	12.749	156	46476	11.055	ug/l	97
78) n-propylbenzene	12.814	91	266449	10.885	ug/l	98
79) 2-Chlorotoluene	12.902	91	149546	10.840	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	172183	10.588	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	11112	11.838	ug/l	92
82) 4-Chlorotoluene	12.996	91	158204	11.053	ug/l	99
83) tert-Butylbenzene	13.214	119	141191	10.161	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	166027	10.324	ug/l	96
85) sec-Butylbenzene	13.391	105	220713	10.370	ug/l	99
86) p-Isopropyltoluene	13.508	119	178780	10.231	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	97510	11.239	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	95913	10.836	ug/l	97
89) n-Butylbenzene	13.832	91	175689	10.040	ug/l	98
90) Hexachloroethane	14.102	117	36781	10.639	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	82903	11.149	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	6720	12.123	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	46526	10.857	ug/l	93
94) Hexachlorobutadiene	15.249	225	27165	10.813	ug/l	97
95) Naphthalene	15.385	128	75832	9.995	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	39141	10.719	ug/l	98

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

