

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010722\
 Data File : VD071643.D
 Acq On : 07 Jan 2022 12:02
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jan 07 12:59:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 12:54:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/07/2022
 Supervised By :Mahesh Dadoda 01/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	294068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	500933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	458038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	214675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	68715	18.216	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	36.440%#		
35) Dibromofluoromethane	7.914	113	61074	18.886	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.780%#		
50) Toluene-d8	10.338	98	222388	18.111	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	36.220%#		
62) 4-Bromofluorobenzene	12.626	95	79078	18.640	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	37.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	49254	19.285	ug/l	97
3) Chloromethane	2.215	50	64231	19.122	ug/l	96
4) Vinyl Chloride	2.356	62	75028	19.905	ug/l	91
5) Bromomethane	2.768	94	55521	19.737	ug/l	97
6) Chloroethane	2.926	64	52348	19.714	ug/l	90
7) Trichlorofluoromethane	3.279	101	105857	19.975	ug/l	94
8) Diethyl Ether	3.709	74	28903	20.009	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	59986	19.393	ug/l	95
10) Methyl Iodide	4.303	142	56725	18.523	ug/l	99
11) Tert butyl alcohol	5.209	59	30967	99.226	ug/l #	82
12) 1,1-Dichloroethene	4.067	96	53886	19.577	ug/l	88
13) Acrolein	3.926	56	36272	97.950	ug/l	99
14) Allyl chloride	4.720	41	106757	19.977	ug/l	99
15) Acrylonitrile	5.420	53	76377	103.951	ug/l	99
16) Acetone	4.156	43	85341	96.966	ug/l	99
17) Carbon Disulfide	4.420	76	138084	18.794	ug/l	97
18) Methyl Acetate	4.720	43	57645	20.636	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	140413	19.873	ug/l	99
20) Methylene Chloride	4.967	84	75578	13.587	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	60045	19.060	ug/l	94
22) Diisopropyl ether	6.362	45	234972	20.409	ug/l #	95
23) Vinyl Acetate	6.309	43	539137	99.989	ug/l	99
24) 1,1-Dichloroethane	6.267	63	131807	20.083	ug/l	96
25) 2-Butanone	7.214	43	107165	103.943	ug/l	96
26) 2,2-Dichloropropane	7.214	77	108311	19.667	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	71756	19.486	ug/l	99
28) Bromochloromethane	7.550	49	61019	19.925	ug/l	99
29) Tetrahydrofuran	7.561	42	62902	103.525	ug/l	98
30) Chloroform	7.708	83	136712	20.321	ug/l	98
31) Cyclohexane	7.979	56	110705	18.704	ug/l #	92
32) 1,1,1-Trichloroethane	7.903	97	120536	20.372	ug/l	97
36) 1,1-Dichloropropene	8.108	75	99813	20.679	ug/l	98
37) Ethyl Acetate	7.291	43	45362	21.232	ug/l	97
38) Carbon Tetrachloride	8.097	117	100733	20.173	ug/l	93
39) Methylcyclohexane	9.355	83	101412	19.315	ug/l	96
40) Benzene	8.350	78	266988	20.030	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	29026m	21.971	ug/l	
42) 1,2-Dichloroethane	8.426	62	89402	20.259	ug/l	97
43) Isopropyl Acetate	8.444	43	85956	20.515	ug/l	99
44) Trichloroethene	9.114	130	71099	20.984	ug/l	88
45) 1,2-Dichloropropane	9.385	63	75321	20.886	ug/l	96
46) Dibromomethane	9.467	93	38980	21.308	ug/l	99
47) Bromodichloromethane	9.661	83	104146	20.483	ug/l	98
48) Methyl methacrylate	9.455	41	45148	21.338	ug/l	92
49) 1,4-Dioxane	9.455	88	7468	427.469	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	234198	106.760	ug/l	98
52) Toluene	10.402	92	168051	19.723	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	89763	20.234	ug/l	92
54) cis-1,3-Dichloropropene	10.085	75	107033	20.556	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	50834	20.581	ug/l	94
56) Ethyl methacrylate	10.655	69	60741	20.074	ug/l	95
57) 1,3-Dichloropropane	10.938	76	91210	21.047	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	168242	106.293	ug/l	99
59) 2-Hexanone	10.979	43	162950	105.444	ug/l	98
60) Dibromochloromethane	11.132	129	62307	20.025	ug/l	99
61) 1,2-Dibromoethane	11.238	107	48594	21.401	ug/l	98
64) Tetrachloroethene	10.873	164	55883	19.719	ug/l	95
65) Chlorobenzene	11.667	112	183826	20.566	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	70374	21.293	ug/l	96
67) Ethyl Benzene	11.738	91	334022	20.002	ug/l	98
68) m/p-Xylenes	11.849	106	250530	40.247	ug/l	98
69) o-Xylene	12.173	106	117682	20.147	ug/l	98
70) Styrene	12.191	104	203697	20.257	ug/l	99
71) Bromoform	12.349	173	34000	19.999	ug/l #	98
73) Isopropylbenzene	12.473	105	319895	19.798	ug/l	98
74) N-amyl acetate	12.279	43	79613	20.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	59682	21.763	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	49021m	23.887	ug/l	
77) Bromobenzene	12.755	156	70818	20.536	ug/l	97
78) n-propylbenzene	12.814	91	408374	20.067	ug/l	100
79) 2-Chlorotoluene	12.896	91	228291	19.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	271441	20.261	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	17230	22.801	ug/l	93
82) 4-Chlorotoluene	12.996	91	238708	19.807	ug/l	100
83) tert-Butylbenzene	13.214	119	230285	20.137	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	268859	20.148	ug/l	100
85) sec-Butylbenzene	13.391	105	356958	20.106	ug/l	99
86) p-Isopropyltoluene	13.508	119	286256	19.717	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	142472	19.769	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	146786	20.485	ug/l	97
89) n-Butylbenzene	13.832	91	289149	19.977	ug/l	99
90) Hexachloroethane	14.096	117	57152	20.300	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	120281	19.562	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9832	21.115	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	72757	20.515	ug/l	97
94) Hexachlorobutadiene	15.255	225	42777	21.436	ug/l	97
95) Naphthalene	15.385	128	126543	19.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	58872	19.660	ug/l	96

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

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