

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063022\
 Data File : VD073753.D
 Acq On : 30 Jun 2022 16:57
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 01 02:28:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 01 02:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Semsettin Yesilyurt 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	205507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	378754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	343620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	157997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	45139	22.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	45.040%#		
35) Dibromofluoromethane	7.903	113	46894	22.791	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	45.580%#		
50) Toluene-d8	10.332	98	175483	23.250	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	46.500%#		
62) 4-Bromofluorobenzene	12.620	95	65478	21.996	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	44.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	28595	22.557	ug/l	99
3) Chloromethane	2.209	50	33215	23.352	ug/l	97
4) Vinyl Chloride	2.344	62	36862	22.931	ug/l	95
5) Bromomethane	2.738	94	24398	21.730	ug/l	84
6) Chloroethane	2.897	64	26105	22.344	ug/l	93
7) Trichlorofluoromethane	3.250	101	64564	21.998	ug/l	98
8) Diethyl Ether	3.703	74	20904	21.296	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.079	101	42420	21.797	ug/l	90
10) Methyl Iodide	4.285	142	30127	21.790	ug/l	96
11) Tert butyl alcohol	5.226	59	33301	67.437	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	35965	21.560	ug/l	90
13) Acrolein	3.909	56	14906	323.727	ug/l	98
14) Allyl chloride	4.709	41	62206	21.624	ug/l	98
15) Acrylonitrile	5.415	53	54890	102.688	ug/l	97
16) Acetone	4.156	43	39111	93.767	ug/l	97
17) Carbon Disulfide	4.397	76	62938	23.805	ug/l #	95
18) Methyl Acetate	4.715	43	30877	19.096	ug/l	92
19) Methyl tert-butyl Ether	5.467	73	114065	21.039	ug/l	99
20) Methylene Chloride	4.950	84	53055	19.583	ug/l	92
21) trans-1,2-Dichloroethene	5.456	96	40598	21.490	ug/l	92
22) Diisopropyl ether	6.362	45	148255	20.466	ug/l	98
23) Vinyl Acetate	6.303	43	388994	106.157	ug/l	97
24) 1,1-Dichloroethane	6.256	63	85847	21.203	ug/l	96
25) 2-Butanone	7.209	43	67159	98.044	ug/l	96
26) 2,2-Dichloropropane	7.203	77	77051	20.594	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	54737	21.484	ug/l	98
28) Bromochloromethane	7.538	49	28621	18.385	ug/l	82
29) Tetrahydrofuran	7.561	42	44792	103.452	ug/l	92
30) Chloroform	7.703	83	91075	21.217	ug/l	100
31) Cyclohexane	7.973	56	67947	21.236	ug/l #	86
32) 1,1,1-Trichloroethane	7.891	97	79911	21.227	ug/l	98
36) 1,1-Dichloropropene	8.103	75	60701	21.248	ug/l	100
37) Ethyl Acetate	7.285	43	30187	20.044	ug/l #	96
38) Carbon Tetrachloride	8.091	117	66526	21.689	ug/l	94
39) Methylcyclohexane	9.344	83	71213	21.887	ug/l	97
40) Benzene	8.344	78	178055	21.101	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	17641	19.273	ug/l #	90
42) 1,2-Dichloroethane	8.414	62	52358	20.587	ug/l	95
43) Isopropyl Acetate	8.444	43	65023	20.250	ug/l	98
44) Trichloroethene	9.103	130	47341	21.118	ug/l	97
45) 1,2-Dichloropropane	9.373	63	50418	20.996	ug/l	97
46) Dibromomethane	9.467	93	25823	20.492	ug/l #	87
47) Bromodichloromethane	9.650	83	71763	21.049	ug/l	95
48) Methyl methacrylate	9.450	41	29970	20.805	ug/l	96
49) 1,4-Dioxane	9.450	88	6882	406.330	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	164690	100.761	ug/l	95
52) Toluene	10.391	92	118296	21.017	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	70504	21.049	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	79268	20.905	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	38163	20.257	ug/l	96
56) Ethyl methacrylate	10.650	69	49941	19.990	ug/l	94
57) 1,3-Dichloropropane	10.938	76	64882	20.461	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	92484	91.325	ug/l	94
59) 2-Hexanone	10.973	43	110475	99.192	ug/l	96
60) Dibromochloromethane	11.126	129	46306	20.243	ug/l	95
61) 1,2-Dibromoethane	11.232	107	34871	20.036	ug/l	97
64) Tetrachloroethene	10.867	164	36403	20.725	ug/l	93
65) Chlorobenzene	11.661	112	133234	21.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	50077	20.944	ug/l	97
67) Ethyl Benzene	11.732	91	242563	20.825	ug/l	96
68) m/p-Xylenes	11.844	106	185265	41.810	ug/l	99
69) o-Xylene	12.167	106	88657	20.439	ug/l	100
70) Styrene	12.185	104	152589	20.541	ug/l	98
71) Bromoform	12.349	173	25192	20.202	ug/l #	98
73) Isopropylbenzene	12.467	105	241645	20.188	ug/l	99
74) N-amyl acetate	12.273	43	62467	19.220	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	47808	20.037	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	31129m	20.616	ug/l	
77) Bromobenzene	12.749	156	50545	20.611	ug/l	89
78) n-propylbenzene	12.808	91	308851	20.615	ug/l	98
79) 2-Chlorotoluene	12.896	91	168684	20.174	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	201466	20.236	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	15743	20.114	ug/l	91
82) 4-Chlorotoluene	12.991	91	177900	20.520	ug/l	98
83) tert-Butylbenzene	13.208	119	181307	20.581	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	200374	20.367	ug/l	99
85) sec-Butylbenzene	13.385	105	280697	20.595	ug/l	97
86) p-Isopropyltoluene	13.502	119	223631	20.476	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	104694	20.485	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	103081	20.236	ug/l	95
89) n-Butylbenzene	13.826	91	227080	20.601	ug/l	99
90) Hexachloroethane	14.096	117	44910	20.800	ug/l	86
91) 1,2-Dichlorobenzene	13.873	146	91529	20.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	8368	21.292	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	54002	20.028	ug/l	98
94) Hexachlorobutadiene	15.249	225	27511	20.557	ug/l	98
95) Naphthalene	15.379	128	118141	19.765	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	46787	19.951	ug/l	95

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

