

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
 Data File : VD072462.D
 Acq On : 29 Mar 2022 14:26
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 01:46:53 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	411197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	692507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	318935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	108830	23.179	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	46.360%#		
35) Dibromofluoromethane	7.914	113	114639	22.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	45.580%#		
50) Toluene-d8	10.332	98	395912	21.855	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	43.700%#		
62) 4-Bromofluorobenzene	12.626	95	155569	22.111	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	44.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	64885	17.391	ug/l	100
3) Chloromethane	2.209	50	53076	15.801	ug/l	95
4) Vinyl Chloride	2.350	62	57493	17.594	ug/l	94
5) Bromomethane	2.756	94	40028	18.294	ug/l	97
6) Chloroethane	2.915	64	42860	19.615	ug/l	96
7) Trichlorofluoromethane	3.274	101	137981	18.683	ug/l	91
8) Diethyl Ether	3.709	74	41841	20.179	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.097	101	92654	19.618	ug/l	95
10) Methyl Iodide	4.303	142	60213	15.816	ug/l	98
11) Tert butyl alcohol	5.215	59	27446	101.292	ug/l	98
12) 1,1-Dichloroethene	4.068	96	66108	17.401	ug/l	86
13) Acrolein	3.926	56	14644	67.942	ug/l	96
14) Allyl chloride	4.715	41	112404	17.121	ug/l #	91
15) Acrylonitrile	5.420	53	108091	103.386	ug/l	97
16) Acetone	4.150	43	93488	94.092	ug/l	99
17) Carbon Disulfide	4.403	76	91874	12.182	ug/l	97
18) Methyl Acetate	4.721	43	59015	23.819	ug/l #	89
19) Methyl tert-butyl Ether	5.479	73	218823	20.874	ug/l	95
20) Methylene Chloride	4.962	84	108781	18.083	ug/l #	83
21) trans-1,2-Dichloroethene	5.473	96	74439	17.631	ug/l	88
22) Diisopropyl ether	6.362	45	301360	19.814	ug/l #	92
23) Vinyl Acetate	6.309	43	696251	89.864	ug/l #	95
24) 1,1-Dichloroethane	6.268	63	174997	19.533	ug/l	98
25) 2-Butanone	7.203	43	131908	98.215	ug/l	94
26) 2,2-Dichloropropane	7.209	77	159727	19.839	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	108053	19.890	ug/l	92
28) Bromochloromethane	7.544	49	70118	19.357	ug/l #	78
29) Tetrahydrofuran	7.556	42	77801	98.141	ug/l	90
30) Chloroform	7.709	83	209731	21.754	ug/l	98
31) Cyclohexane	7.985	56	109823	15.497	ug/l #	80
32) 1,1,1-Trichloroethane	7.903	97	169688	19.963	ug/l	96
36) 1,1-Dichloropropene	8.109	75	114121	16.765	ug/l	98
37) Ethyl Acetate	7.291	43	54293	18.035	ug/l #	95
38) Carbon Tetrachloride	8.091	117	142085	18.215	ug/l	96
39) Methylcyclohexane	9.350	83	116309	15.267	ug/l	97
40) Benzene	8.350	78	355741	18.129	ug/l	99

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41) Methacrylonitrile	7.520	41	32556	19.068	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	111050	18.609	ug/l	94
43) Isopropyl Acetate	8.450	43	108858	18.591	ug/l #	92
44) Trichloroethene	9.109	130	100930	18.312	ug/l	94
45) 1,2-Dichloropropane	9.385	63	102575	18.996	ug/l	98
46) Dibromomethane	9.467	93	54019	20.043	ug/l	96
47) Bromodichloromethane	9.656	83	158349	20.371	ug/l	98
48) Methyl methacrylate	9.450	41	53228	19.304	ug/l #	86
49) 1,4-Dioxane	9.456	88	12319	383.590	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	296032	96.019	ug/l	90
52) Toluene	10.397	92	238605	18.471	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	132805	18.696	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	157888	19.234	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	84952	20.764	ug/l	97
56) Ethyl methacrylate	10.656	69	91639	19.105	ug/l #	84
57) 1,3-Dichloropropane	10.938	76	139318	20.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	196310	91.652	ug/l	94
59) 2-Hexanone	10.979	43	200453	94.052	ug/l	92
60) Dibromochloromethane	11.132	129	113041	21.330	ug/l	95
61) 1,2-Dibromoethane	11.238	107	72978	19.816	ug/l	98
64) Tetrachloroethene	10.873	164	81155	18.194	ug/l	95
65) Chlorobenzene	11.661	112	277917	19.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	115574	20.437	ug/l	98
67) Ethyl Benzene	11.738	91	481265	18.942	ug/l	99
68) m/p-Xylenes	11.850	106	371484	38.519	ug/l	99
69) o-Xylene	12.173	106	176831	19.188	ug/l	99
70) Styrene	12.191	104	326145	20.097	ug/l	97
71) Bromoform	12.350	173	64561	21.334	ug/l #	100
73) Isopropylbenzene	12.473	105	514048	20.200	ug/l	99
74) N-amyl acetate	12.279	43	107621	19.613	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	102371	22.214	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	65479m	18.197	ug/l	
77) Bromobenzene	12.749	156	114236	19.860	ug/l	94
78) n-propylbenzene	12.808	91	616857	19.953	ug/l	98
79) 2-Chlorotoluene	12.897	91	363288	20.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	447632	20.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	28149	19.579	ug/l	95
82) 4-Chlorotoluene	12.997	91	382500	20.628	ug/l	99
83) tert-Butylbenzene	13.214	119	381958	19.979	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	450857	20.959	ug/l	100
85) sec-Butylbenzene	13.391	105	589754	20.528	ug/l	99
86) p-Isopropyltoluene	13.502	119	485137	20.572	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	242801	20.265	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	246993	20.762	ug/l	99
89) n-Butylbenzene	13.832	91	454335	20.236	ug/l	100
90) Hexachloroethane	14.102	117	96988	20.856	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	211547	20.130	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	15710	21.656	ug/l	95
93) 1,2,4-Trichlorobenzene	15.144	180	137826	20.032	ug/l	97
94) Hexachlorobutadiene	15.255	225	76183	19.301	ug/l	98
95) Naphthalene	15.385	128	253334	20.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	116260	19.473	ug/l	99

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

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