

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
 Data File : VD073908.D
 Acq On : 01 Aug 2022 11:45
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 02 04:49:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 04:48:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	195435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	322119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	290891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	138566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	10313	5.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.360%#		
35) Dibromofluoromethane	7.909	113	10878	5.435	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.880%#		
50) Toluene-d8	10.326	98	36248	5.377	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.760%#		
62) 4-Bromofluorobenzene	12.620	95	12941	5.220	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	12031	6.638	ug/l	94
3) Chloromethane	2.209	50	15720	6.330	ug/l	96
4) Vinyl Chloride	2.344	62	16898	5.518	ug/l	99
5) Bromomethane	2.768	94	13286	6.143	ug/l	99
6) Chloroethane	2.915	64	12249	5.687	ug/l	94
7) Trichlorofluoromethane	3.262	101	17884	5.448	ug/l	95
8) Diethyl Ether	3.715	74	4316	5.224	ug/l	55
9) 1,1,2-Trichlorotrifluo...	4.085	101	11229	5.770	ug/l	96
10) Methyl Iodide	4.285	142	9651	4.535	ug/l	96
11) Tert butyl alcohol	5.232	59	3287m	21.963	ug/l	
12) 1,1-Dichloroethene	4.056	96	9967	5.780	ug/l	87
13) Acrolein	3.932	56	1469	15.922	ug/l	92
14) Allyl chloride	4.715	41	13200	5.662	ug/l	98
15) Acrylonitrile	5.420	53	9604	27.151	ug/l	95
16) Acetone	4.162	43	10445	30.803	ug/l #	82
17) Carbon Disulfide	4.409	76	28733	5.722	ug/l #	89
18) Methyl Acetate	4.715	43	8061	7.946	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	20965	5.022	ug/l	99
20) Methylene Chloride	4.962	84	33346	9.407	ug/l	90
21) trans-1,2-Dichloroethene	5.468	96	11419	5.557	ug/l	90
22) Diisopropyl ether	6.350	45	25225	4.983	ug/l #	91
23) Vinyl Acetate	6.297	43	54436m	20.377	ug/l	
24) 1,1-Dichloroethane	6.256	63	17923	5.235	ug/l	95
25) 2-Butanone	7.209	43	13330	27.947	ug/l	95
26) 2,2-Dichloropropane	7.197	77	19584	5.657	ug/l	90
27) cis-1,2-Dichloroethene	7.203	96	12532	5.417	ug/l	97
28) Bromochloromethane	7.538	49	6121	5.357	ug/l #	92
29) Tetrahydrofuran	7.562	42	6643	23.836	ug/l	97
30) Chloroform	7.703	83	20771	5.324	ug/l	96
31) Cyclohexane	7.973	56	18988	6.274	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	20203	5.438	ug/l	94
36) 1,1-Dichloropropene	8.109	75	14944	5.243	ug/l	98
37) Ethyl Acetate	7.291	43	5451	5.135	ug/l #	91
38) Carbon Tetrachloride	8.091	117	16589	5.195	ug/l #	84
39) Methylcyclohexane	9.344	83	16895	5.057	ug/l	97
40) Benzene	8.344	78	40162	5.135	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	3265	5.328	ug/l	87
42) 1,2-Dichloroethane	8.414	62	12606	5.251	ug/l	100
43) Isopropyl Acetate	8.444	43	10415	4.954	ug/l #	89
44) Trichloroethene	9.108	130	12903	5.476	ug/l	85
45) 1,2-Dichloropropane	9.385	63	9312	4.948	ug/l	95
46) Dibromomethane	9.461	93	6509	5.377	ug/l	97
47) Bromodichloromethane	9.656	83	15514	5.174	ug/l	95
48) Methyl methacrylate	9.450	41	4993	5.090	ug/l	93
49) 1,4-Dioxane	9.461	88	1382	108.322	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	25989	24.762	ug/l	95
52) Toluene	10.397	92	25917	4.869	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	13946	5.052	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	15839	5.068	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	7990	5.132	ug/l	94
56) Ethyl methacrylate	10.650	69	8456	4.770	ug/l	99
57) 1,3-Dichloropropane	10.938	76	12023	4.771	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.932	63	16548	24.393	ug/l	100
59) 2-Hexanone	10.973	43	17034	23.984	ug/l	100
60) Dibromochloromethane	11.126	129	10458	4.978	ug/l	98
61) 1,2-Dibromoethane	11.238	107	8107	5.137	ug/l	98
64) Tetrachloroethene	10.867	164	12708	6.139	ug/l	97
65) Chlorobenzene	11.661	112	30130	5.225	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.726	131	11251	5.093	ug/l	96
67) Ethyl Benzene	11.732	91	50938	5.001	ug/l	92
68) m/p-Xylenes	11.844	106	38688	9.582	ug/l	93
69) o-Xylene	12.173	106	19067	5.042	ug/l	92
70) Styrene	12.179	104	29370	4.598	ug/l	96
71) Bromoform	12.344	173	5634	4.644	ug/l #	94
73) Isopropylbenzene	12.461	105	49770	5.209	ug/l	97
74) N-amyl acetate	12.273	43	10094	5.276	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	8535	5.244	ug/l	99
76) 1,2,3-Trichloropropane	12.761	75	7253m	5.781	ug/l	
77) Bromobenzene	12.744	156	11823	5.257	ug/l	97
78) n-propylbenzene	12.808	91	60861	5.238	ug/l	99
79) 2-Chlorotoluene	12.897	91	35790	5.385	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	41088	5.062	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	2354	4.874	ug/l	97
82) 4-Chlorotoluene	12.991	91	37381	5.365	ug/l	97
83) tert-Butylbenzene	13.208	119	35861	5.074	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	40798	5.088	ug/l	100
85) sec-Butylbenzene	13.385	105	55410	5.181	ug/l	100
86) p-Isopropyltoluene	13.497	119	45086	5.019	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	25866	5.507	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	25498	5.481	ug/l	94
89) n-Butylbenzene	13.826	91	42987	5.190	ug/l	100
90) Hexachloroethane	14.096	117	8423	5.117	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	21824	5.435	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.491	75	1558	5.620	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	13360	5.350	ug/l	97
94) Hexachlorobutadiene	15.243	225	7337	5.408	ug/l	98
95) Naphthalene	15.379	128	23703	5.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	12104	5.608	ug/l	94

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

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