

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
 Data File : VD074087.D
 Acq On : 15 Aug 2022 09:25
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 15 15:36:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 15:34:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	143761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	243333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	281975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	9062	5.279	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.560%#		
35) Dibromofluoromethane	7.897	113	9373	5.460	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.920%#		
50) Toluene-d8	10.326	98	28319	4.544	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.080%#		
62) 4-Bromofluorobenzene	12.620	95	10164	4.744	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.480%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	10286	7.074	ug/l	99
3) Chloromethane	2.215	50	10200	4.227	ug/l	98
4) Vinyl Chloride	2.350	62	12297	3.711	ug/l	90
5) Bromomethane	2.779	94	9873	4.408	ug/l #	76
6) Chloroethane	2.915	64	9684	4.336	ug/l	92
7) Trichlorofluoromethane	3.268	101	22439	7.573	ug/l	95
8) Diethyl Ether	3.709	74	4341	5.973	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	12574m	7.648	ug/l	
10) Methyl Iodide	4.297	142	6787	4.191	ug/l	97
11) Tert butyl alcohol	5.197	59	3792m	30.031	ug/l	
12) 1,1-Dichloroethene	4.079	96	9704	6.642	ug/l #	60
13) Acrolein	3.932	56	3314m	41.588	ug/l	
14) Allyl chloride	4.709	41	9734	4.565	ug/l #	95
15) Acrylonitrile	5.409	53	6654	22.432	ug/l	93
16) Acetone	4.162	43	11106	39.427	ug/l #	87
17) Carbon Disulfide	4.409	76	19892	4.261	ug/l	98
18) Methyl Acetate	4.720	43	5450	7.408	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	14803	4.230	ug/l #	81
20) Methylene Chloride	4.950	84	17939	6.400	ug/l #	77
21) trans-1,2-Dichloroethene	5.456	96	7957	4.607	ug/l #	67
22) Diisopropyl ether	6.356	45	17719	3.905	ug/l	93
23) Vinyl Acetate	6.297	43	38655	15.606	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	13937	4.650	ug/l	93
25) 2-Butanone	7.203	43	11523	28.821	ug/l	96
26) 2,2-Dichloropropane	7.197	77	15575	5.852	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	9828	5.055	ug/l	94
28) Bromochloromethane	7.532	49	5389	4.792	ug/l #	78
29) Tetrahydrofuran	7.567	42	5277	21.767	ug/l #	90
30) Chloroform	7.703	83	16174	4.903	ug/l	93
31) Cyclohexane	7.979	56	13830	5.070	ug/l #	74
32) 1,1,1-Trichloroethane	7.897	97	14641	4.770	ug/l	96
36) 1,1-Dichloropropene	8.108	75	11812	4.770	ug/l	94
37) Ethyl Acetate	7.291	43	4881	5.481	ug/l #	92
38) Carbon Tetrachloride	8.091	117	12293	4.346	ug/l	91
39) Methylcyclohexane	9.350	83	12059	4.177	ug/l #	79
40) Benzene	8.344	78	32686	4.851	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	2546	4.601	ug/l #	91
42) 1,2-Dichloroethane	8.414	62	9846	4.775	ug/l	98
43) Isopropyl Acetate	8.444	43	7766	4.364	ug/l #	76
44) Trichloroethene	9.102	130	9930	5.281	ug/l	92
45) 1,2-Dichloropropane	9.379	63	7628	4.684	ug/l	92
46) Dibromomethane	9.467	93	4910	4.970	ug/l	97
47) Bromodichloromethane	9.650	83	12539	4.903	ug/l #	86
48) Methyl methacrylate	9.450	41	3844	4.406	ug/l #	78
49) 1,4-Dioxane	9.461	88	670m	64.822	ug/l	
51) 4-Methyl-2-Pentanone	10.214	43	19084	21.451	ug/l	98
52) Toluene	10.391	92	18977	4.185	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	9524	4.218	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	11747	4.496	ug/l #	84
55) 1,1,2-Trichloroethane	10.791	97	5910	4.703	ug/l #	91
56) Ethyl methacrylate	10.655	69	5426	3.730	ug/l	91
57) 1,3-Dichloropropane	10.932	76	10256	4.799	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.932	63	10033	12.898	ug/l #	86
59) 2-Hexanone	10.973	43	12258	20.164	ug/l	99
60) Dibromochloromethane	11.126	129	8475	4.979	ug/l	93
61) 1,2-Dibromoethane	11.232	107	6433	5.060	ug/l	98
64) Tetrachloroethene	10.861	164	8090	4.302	ug/l	92
65) Chlorobenzene	11.661	112	28770	4.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	11724	5.312	ug/l	95
67) Ethyl Benzene	11.732	91	45916	4.282	ug/l	95
68) m/p-Xylenes	11.838	106	35614	8.498	ug/l	94
69) o-Xylene	12.167	106	15417	3.929	ug/l	99
70) Styrene	12.185	104	27555	4.108	ug/l	94
71) Bromoform	12.344	173	4451	3.727	ug/l #	97
73) Isopropylbenzene	12.467	105	33113	4.122	ug/l	97
74) N-amyl acetate	12.279	43	6831	4.311	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	7068	5.091	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	5993m	5.267	ug/l	
77) Bromobenzene	12.749	156	8875	4.971	ug/l	82
78) n-propylbenzene	12.808	91	41918	4.278	ug/l	100
79) 2-Chlorotoluene	12.891	91	24994	4.547	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	27839	4.111	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.508	75	1812	4.297	ug/l	86
82) 4-Chlorotoluene	12.991	91	26968	4.639	ug/l	97
83) tert-Butylbenzene	13.208	119	23524	4.063	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	28693	4.254	ug/l	99
85) sec-Butylbenzene	13.385	105	38826	4.447	ug/l	100
86) p-Isopropyltoluene	13.496	119	30910	4.205	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	19188	5.133	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	19473	5.270	ug/l	96
89) n-Butylbenzene	13.826	91	30438	4.361	ug/l	100
90) Hexachloroethane	14.090	117	7187	4.948	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	15622	4.837	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1097	4.705	ug/l	75
93) 1,2,4-Trichlorobenzene	15.143	180	9015	4.572	ug/l	95
94) Hexachlorobutadiene	15.243	225	6069	5.808	ug/l	98
95) Naphthalene	15.373	128	13787	3.890	ug/l	97
96) 1,2,3-Trichlorobenzene	15.567	180	8595	5.127	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

