

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021727.D
 Acq On : 05 Jan 2022 12:23
 Operator : SY/VA
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 05 14:05:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:00:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	130210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	208733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	193332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	96606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	6637	5.585	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.180%#		
35) Dibromofluoromethane	7.884	113	7067	5.411	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.820%#		
50) Toluene-d8	10.323	98	25751	5.488	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.980%#		
62) 4-Bromofluorobenzene	12.615	95	9085	5.157	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.320%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	882	4.700	ug/l	91
3) Chloromethane	2.209	50	6062	6.062	ug/l	99
4) Vinyl Chloride	2.361	62	8141	5.535	ug/l	99
5) Bromomethane	2.788	94	8468	5.503	ug/l	98
6) Chloroethane	2.922	64	4679	5.967	ug/l	98
7) Trichlorofluoromethane	3.257	101	5528	5.625	ug/l	93
8) Diethyl Ether	3.684	74	2772	5.148	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	6836	5.304	ug/l	96
10) Methyl Iodide	4.269	142	8800	4.970	ug/l	95
11) Tert butyl alcohol	5.245	59	1541m	31.051	ug/l	
12) 1,1-Dichloroethene	4.044	96	6190	5.256	ug/l	# 81
13) Acrolein	3.916	56	1803	27.388	ug/l	83
14) Allyl chloride	4.672	41	7180	5.028	ug/l	96
15) Acrylonitrile	5.385	53	5019m	27.315	ug/l	
16) Acetone	4.153	43	5674	26.086	ug/l	92
17) Carbon Disulfide	4.385	76	14355	5.085	ug/l	97
18) Methyl Acetate	4.684	43	3898	5.398	ug/l	# 80
19) Methyl tert-butyl Ether	5.428	73	8733	4.840	ug/l	# 89
20) Methylene Chloride	4.915	84	19946	8.063	ug/l	91
21) trans-1,2-Dichloroethene	5.428	96	7234	5.304	ug/l	87
22) Diisopropyl ether	6.305	45	13926	4.725	ug/l	91
23) Vinyl Acetate	6.263	43	33633	22.509	ug/l	95
24) 1,1-Dichloroethane	6.220	63	10937	5.145	ug/l	97
25) 2-Butanone	7.189	43	6421	22.977	ug/l	98
26) 2,2-Dichloropropane	7.165	77	7385	5.186	ug/l	94
27) cis-1,2-Dichloroethene	7.177	96	7630	5.135	ug/l	97
28) Bromochloromethane	7.519	49	4639	5.492	ug/l	95
29) Tetrahydrofuran	7.549	42	3924	23.500	ug/l	99
30) Chloroform	7.677	83	12405	5.168	ug/l	99
31) Cyclohexane	7.958	56	12034	5.721	ug/l	# 84
32) 1,1,1-Trichloroethane	7.872	97	10397	4.981	ug/l	99
36) 1,1-Dichloropropene	8.080	75	9593	5.131	ug/l	97
37) Ethyl Acetate	7.263	43	3147	5.158	ug/l	98
38) Carbon Tetrachloride	8.073	117	9763	4.963	ug/l	95
39) Methylcyclohexane	9.335	83	11506	4.911	ug/l	95
40) Benzene	8.323	78	27788	5.167	ug/l	99

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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	7.488	41	1645	4.857	ug/l #	78
42) 1,2-Dichloroethane	8.403	62	7425	5.102	ug/l	98
43) Isopropyl Acetate	8.433	43	5163	4.663	ug/l #	87
44) Trichloroethene	9.098	130	8173	5.129	ug/l	92
45) 1,2-Dichloropropane	9.366	63	5917	5.115	ug/l	97
46) Dibromomethane	9.463	93	3616	4.995	ug/l	92
47) Bromodichloromethane	9.646	83	8014	4.948	ug/l	95
48) Methyl methacrylate	9.439	41	2327	4.515	ug/l	93
49) 1,4-Dioxane	9.488	88	723	86.292	ug/l #	72
51) 4-Methyl-2-Pentanone	10.213	43	13263	22.239	ug/l	97
52) Toluene	10.390	92	16751	4.878	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	6153	4.372	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	7935	4.642	ug/l #	85
55) 1,1,2-Trichloroethane	10.786	97	4696	4.861	ug/l #	89
56) Ethyl methacrylate	10.646	69	4329	4.439	ug/l	99
57) 1,3-Dichloropropane	10.933	76	7946	4.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	11654	23.817	ug/l	96
59) 2-Hexanone	10.969	43	8648	21.351	ug/l	98
60) Dibromochloromethane	11.128	129	4868	4.444	ug/l	96
61) 1,2-Dibromoethane	11.238	107	4450	4.767	ug/l	95
64) Tetrachloroethene	10.866	164	6257	4.723	ug/l	93
65) Chlorobenzene	11.658	112	18913	4.881	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.737	131	6411	4.845	ug/l	94
67) Ethyl Benzene	11.731	91	32256	4.898	ug/l	99
68) m/p-Xylenes	11.841	106	25569	9.534	ug/l	98
69) o-Xylene	12.164	106	12061	4.822	ug/l	94
70) Styrene	12.176	104	18990	4.747	ug/l	98
71) Bromoform	12.347	173	2475	4.244	ug/l #	97
73) Isopropylbenzene	12.463	105	30941	4.755	ug/l	99
74) N-amyl acetate	12.274	43	4313	4.474	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.713	83	4769	4.796	ug/l	95
76) 1,2,3-Trichloropropane	12.768	75	3350m	3.076	ug/l	
77) Bromobenzene	12.743	156	7552	4.840	ug/l	98
78) n-propylbenzene	12.804	91	38384	4.906	ug/l	99
79) 2-Chlorotoluene	12.890	91	22603	5.065	ug/l	96
80) 1,3,5-Trimethylbenzene	12.938	105	27370	4.868	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.518	75	1137	4.909	ug/l	90
82) 4-Chlorotoluene	12.987	91	23281	5.011	ug/l	94
83) tert-Butylbenzene	13.201	119	24615	4.892	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	26862	4.843	ug/l	100
85) sec-Butylbenzene	13.383	105	36648	4.971	ug/l	96
86) p-Isopropyltoluene	13.493	119	29579	4.823	ug/l	97
87) 1,3-Dichlorobenzene	13.493	146	16354	5.159	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	16255	4.991	ug/l	88
89) n-Butylbenzene	13.822	91	26950	4.790	ug/l	96
90) Hexachloroethane	14.091	117	4711	4.854	ug/l	74
91) 1,2-Dichlorobenzene	13.865	146	14540	5.097	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	822	5.377	ug/l	75
93) 1,2,4-Trichlorobenzene	15.127	180	8943	5.075	ug/l	98
94) Hexachlorobutadiene	15.231	225	6070	5.589	ug/l	89
95) Naphthalene	15.365	128	13047	4.566	ug/l	98
96) 1,2,3-Trichlorobenzene	15.548	180	7714	5.167	ug/l	97

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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

