

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021729.D
 Acq On : 05 Jan 2022 13:11
 Operator : SY/VA
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 13:59:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 12:42:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	147646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	236487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	218699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	110408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	27036	19.768	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.540%#		
35) Dibromofluoromethane	7.884	113	29140	19.644	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.280%#		
50) Toluene-d8	10.323	98	103035	18.939	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	37.880%#		
62) 4-Bromofluorobenzene	12.615	95	39304	19.371	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	38.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	3469	12.921	ug/l	86
3) Chloromethane	2.215	50	19524	22.971	ug/l	98
4) Vinyl Chloride	2.361	62	29744	19.874	ug/l	97
5) Bromomethane	2.763	94	30862	32.037	ug/l	99
6) Chloroethane	2.910	64	15023	26.042	ug/l	91
7) Trichlorofluoromethane	3.257	101	20287	32.683	ug/l	99
8) Diethyl Ether	3.684	74	12426	19.060	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.062	101	27345	21.355	ug/l	97
10) Methyl Iodide	4.275	142	38429	19.897	ug/l	97
11) Tert butyl alcohol	5.190	59	9661m	80.180	ug/l	
12) 1,1-Dichloroethene	4.044	96	24732	19.710	ug/l	93
13) Acrolein	3.897	56	8792	421.851	ug/l	92
14) Allyl chloride	4.665	41	31778	17.640	ug/l	96
15) Acrylonitrile	5.373	53	25417	90.111	ug/l	98
16) Acetone	4.135	43	23567	82.897	ug/l	92
17) Carbon Disulfide	4.385	76	60271	17.479	ug/l	99
18) Methyl Acetate	4.672	43	18184	18.331	ug/l	95
19) Methyl tert-butyl Ether	5.428	73	42171	19.503	ug/l	98
20) Methylene Chloride	4.915	84	41043	25.847	ug/l	96
21) trans-1,2-Dichloroethene	5.428	96	30374	21.264	ug/l	90
22) Diisopropyl ether	6.312	45	67131	18.161	ug/l	96
23) Vinyl Acetate	6.257	43	178456	82.501	ug/l	95
24) 1,1-Dichloroethane	6.220	63	46369	19.718	ug/l	98
25) 2-Butanone	7.171	43	34236	84.790	ug/l	93
26) 2,2-Dichloropropane	7.177	77	30607	18.342	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	32853	20.588	ug/l	95
28) Bromochloromethane	7.513	49	19153	19.247	ug/l	87
29) Tetrahydrofuran	7.537	42	20685	84.475	ug/l	97
30) Chloroform	7.677	83	52474	20.282	ug/l	95
31) Cyclohexane	7.958	56	43237	18.951	ug/l #	96
32) 1,1,1-Trichloroethane	7.878	97	46106	21.106	ug/l	98
36) 1,1-Dichloropropene	8.086	75	40436	19.033	ug/l	99
37) Ethyl Acetate	7.263	43	14244	14.699	ug/l	97
38) Carbon Tetrachloride	8.067	117	42229	18.686	ug/l	92
39) Methylcyclohexane	9.335	83	51242	19.210	ug/l	97
40) Benzene	8.323	78	115155	19.010	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	8333	16.128	ug/l	88
42) 1,2-Dichloroethane	8.403	62	33119	18.024	ug/l	98
43) Isopropyl Acetate	8.427	43	25596	13.459	ug/l	91
44) Trichloroethene	9.098	130	34985	19.795	ug/l	94
45) 1,2-Dichloropropane	9.372	63	25733	18.446	ug/l	92
46) Dibromomethane	9.463	93	16574	18.752	ug/l	95
47) Bromodichloromethane	9.646	83	36422	17.417	ug/l	97
48) Methyl methacrylate	9.439	41	12450	14.716	ug/l	91
49) 1,4-Dioxane	9.463	88	4087	320.904	ug/l #	75
51) 4-Methyl-2-Pentanone	10.207	43	72317	74.685	ug/l	95
52) Toluene	10.390	92	76920	19.754	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	33502	16.136	ug/l	90
54) cis-1,3-Dichloropropene	10.073	75	39017	16.606	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	22583	19.058	ug/l	95
56) Ethyl methacrylate	10.646	69	23451	15.542	ug/l	94
57) 1,3-Dichloropropane	10.933	76	36507	18.298	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	62163	81.860	ug/l	99
59) 2-Hexanone	10.969	43	49392	73.327	ug/l	93
60) Dibromochloromethane	11.128	129	25502	17.071	ug/l	98
61) 1,2-Dibromoethane	11.231	107	21688	18.447	ug/l	94
64) Tetrachloroethene	10.860	164	29444	18.122	ug/l #	91
65) Chlorobenzene	11.658	112	86354	19.640	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	28977	17.724	ug/l	97
67) Ethyl Benzene	11.731	91	144311	18.702	ug/l	97
68) m/p-Xylenes	11.841	106	119219	38.217	ug/l	100
69) o-Xylene	12.164	106	56072	19.169	ug/l	96
70) Styrene	12.176	104	90362	18.393	ug/l	98
71) Bromoform	12.347	173	13839	14.644	ug/l #	97
73) Isopropylbenzene	12.463	105	148085	19.627	ug/l	99
74) N-amyl acetate	12.274	43	23463	13.056	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.713	83	23976	18.215	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	18815m	18.967	ug/l	
77) Bromobenzene	12.743	156	35189	19.202	ug/l	95
78) n-propylbenzene	12.804	91	178626	20.101	ug/l	100
79) 2-Chlorotoluene	12.890	91	101015	19.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	129535	20.021	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	5560	13.185	ug/l	90
82) 4-Chlorotoluene	12.987	91	106702	19.590	ug/l	95
83) tert-Butylbenzene	13.207	119	114349	19.774	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	126630	19.820	ug/l	99
85) sec-Butylbenzene	13.383	105	163780	19.681	ug/l	97
86) p-Isopropyltoluene	13.493	119	138165	19.258	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	70042	18.858	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	73779	19.768	ug/l	98
89) n-Butylbenzene	13.822	91	128341	19.923	ug/l	98
90) Hexachloroethane	14.085	117	21708	16.067	ug/l	86
91) 1,2-Dichlorobenzene	13.865	146	64202	19.676	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3497	15.129	ug/l	99
93) 1,2,4-Trichlorobenzene	15.127	180	37767	16.243	ug/l	94
94) Hexachlorobutadiene	15.237	225	23468	17.798	ug/l	97
95) Naphthalene	15.365	128	66389	15.406	ug/l	98
96) 1,2,3-Trichlorobenzene	15.548	180	33140	16.164	ug/l	98

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

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