

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020834.D
 Acq On : 10 Nov 2021 15:14
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICV050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 02:06:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:59:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	85496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	118826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	108073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	60059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36778	52.019	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.040%			
35) Dibromofluoromethane	7.885	113	36706	55.255	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.500%			
50) Toluene-d8	10.323	98	139552	53.693	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.380%			
62) 4-Bromofluorobenzene	12.615	95	50099	53.427	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	6952	43.358	ug/l	98
3) Chloromethane	2.209	50	23839	51.564	ug/l	97
4) Vinyl Chloride	2.355	62	36554	51.013	ug/l	100
5) Bromomethane	2.764	94	24589	52.613	ug/l	98
6) Chloroethane	2.910	64	15048	47.359	ug/l	96
7) Trichlorofluoromethane	3.251	101	18467	45.618	ug/l	94
8) Diethyl Ether	3.684	74	15843	54.406	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.062	101	34543	52.621	ug/l	98
10) Methyl Iodide	4.269	142	48779	54.121	ug/l	99
11) Tert butyl alcohol	5.190	59	13667	281.109	ug/l #	83
12) 1,1-Dichloroethene	4.038	96	33071	52.066	ug/l	99
13) Acrolein	3.897	56	4835	226.204	ug/l	97
14) Allyl chloride	4.672	41	48663	51.729	ug/l	94
15) Acrylonitrile	5.373	53	45241	272.349	ug/l	99
16) Acetone	4.129	43	46672	274.713	ug/l	98
17) Carbon Disulfide	4.379	76	83581	49.371	ug/l	98
18) Methyl Acetate	4.666	43	33512	54.480	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	51882	57.296	ug/l	94
20) Methylene Chloride	4.916	84	34722	53.552	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	35860	52.016	ug/l	93
22) Diisopropyl ether	6.312	45	94437	53.460	ug/l	97
23) Vinyl Acetate	6.257	43	290646	265.383	ug/l	97
24) 1,1-Dichloroethane	6.220	63	61092	52.505	ug/l	99
25) 2-Butanone	7.171	43	64952	274.974	ug/l	98
26) 2,2-Dichloropropane	7.171	77	40560	51.366	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	40303	53.190	ug/l	92
28) Bromochloromethane	7.513	49	29090	52.739	ug/l #	92
29) Tetrahydrofuran	7.531	42	39130	265.740	ug/l	97
30) Chloroform	7.677	83	65223	53.199	ug/l	96
31) Cyclohexane	7.958	56	58809	46.373	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	56927	52.260	ug/l	97
36) 1,1-Dichloropropene	8.080	75	51990	52.933	ug/l	97
37) Ethyl Acetate	7.251	43	26398	55.670	ug/l	100
38) Carbon Tetrachloride	8.067	117	55574	54.020	ug/l	97
39) Methylcyclohexane	9.335	83	66800	51.851	ug/l	96
40) Benzene	8.323	78	140834	53.571	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	16480	60.226	ug/l	97
42) 1,2-Dichloroethane	8.403	62	42520	54.957	ug/l	98
43) Isopropyl Acetate	8.427	43	51120	56.702	ug/l	99
44) Trichloroethene	9.092	130	41819	53.449	ug/l	96
45) 1,2-Dichloropropane	9.372	63	33055	55.359	ug/l	99
46) Dibromomethane	9.457	93	20702	56.060	ug/l	97
47) Bromodichloromethane	9.646	83	48786	55.283	ug/l	97
48) Methyl methacrylate	9.433	41	24666	57.310	ug/l	97
49) 1,4-Dioxane	9.457	88	6235	1115.510	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	140751	293.978	ug/l	100
52) Toluene	10.384	92	93125	54.072	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	50871	56.032	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	55935	55.367	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	28153	57.420	ug/l	97
56) Ethyl methacrylate	10.646	69	38764	57.294	ug/l	95
57) 1,3-Dichloropropane	10.933	76	47209	56.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	104040	273.691	ug/l	95
59) 2-Hexanone	10.969	43	104057	296.111	ug/l	100
60) Dibromochloromethane	11.128	129	35598	55.256	ug/l	97
61) 1,2-Dibromoethane	11.238	107	29625	58.480	ug/l	98
64) Tetrachloroethene	10.860	164	37602	53.768	ug/l	94
65) Chlorobenzene	11.658	112	102822	54.406	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.731	131	37650	54.913	ug/l	98
67) Ethyl Benzene	11.731	91	184288	53.047	ug/l	96
68) m/p-Xylenes	11.835	106	146715	106.804	ug/l	93
69) o-Xylene	12.164	106	68613	53.822	ug/l	95
70) Styrene	12.183	104	115719	54.348	ug/l	99
71) Bromoform	12.347	173	25658	57.899	ug/l #	98
73) Isopropylbenzene	12.463	105	190361	50.810	ug/l	97
74) N-amyl acetate	12.268	43	49452	55.277	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	36479	54.545	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	29106m	63.030	ug/l	
77) Bromobenzene	12.750	156	45746	52.694	ug/l	95
78) n-propylbenzene	12.804	91	229841	50.496	ug/l	98
79) 2-Chlorotoluene	12.890	91	129633	51.925	ug/l	99
80) 1,3,5-Trimethylbenzene	12.939	105	159035	50.951	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	12676	54.033	ug/l	95
82) 4-Chlorotoluene	12.987	91	132655	51.347	ug/l	97
83) tert-Butylbenzene	13.201	119	146709	50.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	159621	52.033	ug/l	99
85) sec-Butylbenzene	13.384	105	213421	50.946	ug/l	96
86) p-Isopropyltoluene	13.493	119	182622	50.866	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	89125	50.763	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	91272	52.628	ug/l	97
89) n-Butylbenzene	13.816	91	173976	52.052	ug/l	98
90) Hexachloroethane	14.091	117	35614	51.591	ug/l	96
91) 1,2-Dichlorobenzene	13.865	146	79591	53.609	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	7232	53.894	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	55218	48.822	ug/l	99
94) Hexachlorobutadiene	15.231	225	35820	50.244	ug/l	94
95) Naphthalene	15.359	128	119965	54.224	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	49954	51.134	ug/l	95

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

