

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019240.D
 Acq On : 21 Jun 2021 09:49
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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6/22/2021 6:11:06 PM

Quant Time: Jun 21 11:30:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 11:29:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	365123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	622334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	558898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	264064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	22082	4.859	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.720%	
35) Dibromofluoromethane	7.891	113	20212	4.839	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.680%	
50) Toluene-d8	10.323	98	75819	4.439	ug/l	0.00
Spiked Amount 50.000			Recovery	=	8.880%	
62) 4-Bromofluorobenzene	12.621	95	26364	4.399	ug/l	0.00
Spiked Amount 50.000			Recovery	=	8.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	13496	5.280	ug/l	99
3) Chloromethane	2.215	50	17428	6.082	ug/l	96
4) Vinyl Chloride	2.367	62	25703	5.783	ug/l	97
5) Bromomethane	2.782	94	19357	5.438	ug/l	99
6) Chloroethane	2.928	64	15633	5.313	ug/l	98
7) Trichlorofluoromethane	3.269	101	12482	4.864	ug/l	98
8) Diethyl Ether	3.690	74	10201	5.078	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.074	101	19574	5.072	ug/l	95
10) Methyl Iodide	4.288	142	26226	4.832	ug/l	100
11) Tert butyl alcohol	5.190	59	7360	33.157	ug/l #	82
12) 1,1-Dichloroethene	4.050	96	19769	4.931	ug/l	85
13) Acrolein	3.903	56	5499	20.181	ug/l	93
14) Allyl chloride	4.678	41	26938	5.025	ug/l	98
15) Acrylonitrile	5.379	53	20055	26.661	ug/l	99
16) Acetone	4.135	43	20263	28.810	ug/l	98
17) Carbon Disulfide	4.397	76	59230	5.373	ug/l	97
18) Methyl Acetate	4.678	43	9361	4.992	ug/l	97
19) Methyl tert-butyl Ether	5.434	73	25708	5.193	ug/l	98
20) Methylene Chloride	4.928	84	44234	8.686	ug/l	95
21) trans-1,2-Dichloroethene	5.434	96	22557	5.048	ug/l	97
22) Diisopropyl ether	6.318	45	56054	5.312	ug/l	95
23) Vinyl Acetate	6.263	43	157440	22.959	ug/l	98
24) 1,1-Dichloroethane	6.226	63	41825	5.185	ug/l	98
25) 2-Butanone	7.183	43	25683	24.872	ug/l	98
26) 2,2-Dichloropropane	7.171	77	24688	5.395	ug/l	94
27) cis-1,2-Dichloroethene	7.171	96	23438	4.774	ug/l	92
28) Bromochloromethane	7.513	49	15989	4.963	ug/l	89
29) Tetrahydrofuran	7.543	42	15252	25.789	ug/l	94
30) Chloroform	7.683	83	41890	5.161	ug/l	95
31) Cyclohexane	7.958	56	43467	6.215	ug/l #	82
32) 1,1,1-Trichloroethane	7.878	97	31243	5.014	ug/l	98
36) 1,1-Dichloropropene	8.086	75	32658	4.775	ug/l	99
37) Ethyl Acetate	7.263	43	11529	4.679	ug/l	98
38) Carbon Tetrachloride	8.073	117	28198	4.665	ug/l	98
39) Methylcyclohexane	9.335	83	35912	4.662	ug/l	98
40) Benzene	8.329	78	90240	4.841	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	5391	3.749	ug/l	93
42) 1,2-Dichloroethane	8.403	62	26980	4.914	ug/l	100
43) Isopropyl Acetate	8.427	43	21423	4.523	ug/l	99
44) Trichloroethene	9.098	130	22175	4.570	ug/l	86
45) 1,2-Dichloropropane	9.372	63	22304	4.922	ug/l	92
46) Dibromomethane	9.463	93	11131	4.736	ug/l	98
47) Bromodichloromethane	9.646	83	28059	4.630	ug/l	97
48) Methyl methacrylate	9.439	41	8664	3.884	ug/l	95
49) 1,4-Dioxane	9.457	88	2753	96.218	ug/l	87
51) 4-Methyl-2-Pentanone	10.213	43	54243	22.487	ug/l	98
52) Toluene	10.390	92	52879	4.464	ug/l	95
53) t-1,3-Dichloropropene	10.610	75	26293	4.374	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	30585	4.293	ug/l	95
55) 1,1,2-Trichloroethane	10.792	97	15850	4.781	ug/l	94
56) Ethyl methacrylate	10.646	69	17012	4.095	ug/l	95
57) 1,3-Dichloropropane	10.933	76	28598	4.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	42206	20.126	ug/l	96
59) 2-Hexanone	10.969	43	35266	21.718	ug/l	94
60) Dibromochloromethane	11.128	129	15969	4.333	ug/l	97
61) 1,2-Dibromoethane	11.238	107	14095	4.530	ug/l	100
64) Tetrachloroethene	10.866	164	17928	4.601	ug/l	92
65) Chlorobenzene	11.658	112	56733	4.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	18687	4.522	ug/l	99
67) Ethyl Benzene	11.731	91	103730	4.503	ug/l	100
68) m/p-Xylenes	11.841	106	74549	8.806	ug/l	95
69) o-Xylene	12.164	106	34013	4.243	ug/l	94
70) Styrene	12.182	104	55155	4.136	ug/l	98
71) Bromoform	12.347	173	8603	4.299	ug/l #	93
73) Isopropylbenzene	12.463	105	92062	4.348	ug/l	100
74) N-amyl acetate	12.274	43	18240	4.312	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	17937	4.972	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	12631m	5.081	ug/l	
77) Bromobenzene	12.749	156	20581	4.554	ug/l	92
78) n-propylbenzene	12.804	91	119149	4.538	ug/l	98
79) 2-Chlorotoluene	12.890	91	68892	4.643	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	77056	4.327	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.518	75	4501	4.105	ug/l	93
82) 4-Chlorotoluene	12.987	91	72158	4.617	ug/l	98
83) tert-Butylbenzene	13.207	119	64849	4.274	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	78388	4.412	ug/l	95
85) sec-Butylbenzene	13.383	105	106704	4.655	ug/l	96
86) p-Isopropyltoluene	13.499	119	82563	4.282	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	45354	4.840	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	44657	4.841	ug/l	93
89) n-Butylbenzene	13.822	91	86329	4.461	ug/l	98
90) Hexachloroethane	14.091	117	15717	5.065	ug/l	88
91) 1,2-Dichlorobenzene	13.871	146	38803	4.765	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2857	5.002	ug/l	88
93) 1,2,4-Trichlorobenzene	15.133	180	23889	4.260	ug/l	98
94) Hexachlorobutadiene	15.237	225	14075	4.441	ug/l	96
95) Naphthalene	15.365	128	38014	3.869	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	20876	4.397	ug/l	99

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

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