

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011442.D
 Acq On : 23 Jul 2019 19:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:10:43 PM

Quant Time: Jul 24 08:37:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119628	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	
35) Dibromofluoromethane	7.88	113	97288	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
50) Toluene-d8	10.32	98	383548	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
62) 4-Bromofluorobenzene	12.62	95	143054	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	63932	38.840	ug/l	98
3) Chloromethane	2.21	50	97916	46.165	ug/l	98
4) Vinyl Chloride	2.36	62	120883	43.544	ug/l	97
5) Bromomethane	2.77	94	63738	45.691	ug/l	97
6) Chloroethane	2.92	64	69548	46.512	ug/l	99
7) Trichlorofluoromethane	3.25	101	54079	54.835	ug/l	96
8) Diethyl Ether	3.68	74	64887	47.551	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108905	46.102	ug/l	99
10) Methyl Iodide	4.27	142	152732	47.009	ug/l	99
11) Tert butyl alcohol	5.17	59	47616	231.909	ug/l	98
12) 1,1-Dichloroethene	4.04	96	112683	45.959	ug/l	91
13) Acrolein	3.89	56	42303	258.740	ug/l	97
14) Allyl chloride	4.66	41	237532	53.127	ug/l	98
15) Acrylonitrile	5.36	53	172354	248.006	ug/l	99
16) Acetone	4.12	43	191336	286.743	ug/l	100
17) Carbon Disulfide	4.38	76	333619	44.883	ug/l	99
18) Methyl Acetate	4.67	43	84803	44.536	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	189729	51.000	ug/l	100
20) Methylene Chloride	4.92	84	127721	48.520	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	122498	48.083	ug/l	96
22) Diisopropyl ether	6.31	45	475240	49.420	ug/l	99
23) Vinyl Acetate	6.25	43	1548852	260.258	ug/l	100
24) 1,1-Dichloroethane	6.21	63	251566	49.819	ug/l	100
25) 2-Butanone	7.17	43	272280	259.947	ug/l	99
26) 2,2-Dichloropropane	7.17	77	136723	52.088	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	134874	49.077	ug/l	98
28) Bromochloromethane	7.51	49	108710	47.346	ug/l	99
29) Tetrahydrofuran	7.52	42	164495	239.503	ug/l	100
30) Chloroform	7.68	83	227158	48.575	ug/l	99
31) Cyclohexane	7.95	56	235693	43.874	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	172717	48.552	ug/l	99
36) 1,1-Dichloropropene	8.08	75	184455	48.147	ug/l	99
37) Ethyl Acetate	7.25	43	113485	49.302	ug/l	99
38) Carbon Tetrachloride	8.06	117	160089	49.293	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217540	46.848	ug/l	98
40) Benzene	8.32	78	520223	49.134	ug/l	99
41) Methacrylonitrile	7.48	41	68795	52.256	ug/l	92
42) 1,2-Dichloroethane	8.40	62	166614	48.510	ug/l	100
43) Isopropyl Acetate	8.42	43	210393	48.413	ug/l	99
44) Trichloroethene	9.09	130	123659	48.535	ug/l	98
45) 1,2-Dichloropropane	9.37	63	143343	49.996	ug/l	98
46) Dibromomethane	9.46	93	65860	48.900	ug/l	99
47) Bromodichloromethane	9.65	83	169728	49.252	ug/l	98
48) Methyl methacrylate	9.43	41	102562	49.055	ug/l	98
49) 1,4-Dioxane	9.45	88	20998	934.036	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	548424	241.580	ug/l	100
52) Toluene	10.38	92	316389	49.261	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	179801	49.017	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	210171	48.678	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	93842	49.114	ug/l	97
56) Ethyl methacrylate	10.65	69	142013	48.819	ug/l	98
57) 1,3-Dichloropropane	10.93	76	177089	49.013	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	320891	237.943	ug/l	100
59) 2-Hexanone	10.97	43	390056	247.757	ug/l	99
60) Dibromochloromethane	11.13	129	103971	49.623	ug/l	100
61) 1,2-Dibromoethane	11.23	107	88068	48.660	ug/l	100
64) Tetrachloroethene	10.86	164	102864	47.806	ug/l	99
65) Chlorobenzene	11.66	112	318904	49.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	113042	49.521	ug/l	99
67) Ethyl Benzene	11.73	91	610589	49.197	ug/l	99
68) m/p-Xylenes	11.84	106	442140	98.454	ug/l	100
69) o-Xylene	12.16	106	207605	49.048	ug/l	100
70) Styrene	12.18	104	365552	50.042	ug/l	100
71) Bromoform	12.35	173	58723	48.384	ug/l	# 100
73) Isopropylbenzene	12.46	105	581071	50.288	ug/l	100
74) N-amyl acetate	12.27	43	193101	47.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	113537	47.935	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80016m	44.795	ug/l	
77) Bromobenzene	12.75	156	127952	49.343	ug/l	99
78) n-propylbenzene	12.80	91	705303	49.551	ug/l	100
79) 2-Chlorotoluene	12.89	91	400600	48.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	489062	49.821	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	36491	46.205	ug/l	99
82) 4-Chlorotoluene	12.99	91	424138	49.715	ug/l	100
83) tert-Butylbenzene	13.21	119	409777	50.053	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	490112	49.723	ug/l	99
85) sec-Butylbenzene	13.38	105	587261	49.712	ug/l	100
86) p-Isopropyltoluene	13.50	119	529438	49.968	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	247427	49.593	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	244866	48.740	ug/l	98
89) n-Butylbenzene	13.82	91	520425	49.237	ug/l	99
90) Hexachloroethane	14.10	117	94878	49.003	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	220722	48.765	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19066	45.381	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	152426	48.893	ug/l	98
94) Hexachlorobutadiene	15.24	225	94548	49.399	ug/l	99
95) Naphthalene	15.37	128	291567	48.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	134037	48.716	ug/l	99

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

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