

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011949.D
 Acq On : 16 Aug 2019 01:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:27:26 AM

Quant Time: Aug 16 05:49:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135363	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.88	113	108321	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.32	98	440855	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	222872	74.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	51079	41.867	ug/l	95
3) Chloromethane	2.21	50	90748	42.896	ug/l	98
4) Vinyl Chloride	2.36	62	114511	44.960	ug/l	98
5) Bromomethane	2.76	94	55939	39.679	ug/l	99
6) Chloroethane	2.91	64	68758	47.261	ug/l	93
7) Trichlorofluoromethane	3.25	101	54715	48.068	ug/l	99
8) Diethyl Ether	3.68	74	66280	51.356	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104633	48.457	ug/l	99
10) Methyl Iodide	4.27	142	152538	49.989	ug/l	100
11) Tert butyl alcohol	5.19	59	44083	236.679	ug/l	100
12) 1,1-Dichloroethene	4.04	96	109427	47.997	ug/l	97
13) Acrolein	3.89	56	31794	176.275	ug/l	99
14) Allyl chloride	4.66	41	243020	50.117	ug/l	99
15) Acrylonitrile	5.37	53	172022	267.012	ug/l	98
16) Acetone	4.12	43	145136	181.510	ug/l	95
17) Carbon Disulfide	4.38	76	324048	45.413	ug/l	100
18) Methyl Acetate	4.67	43	95739	53.298	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	195700	54.093	ug/l	99
20) Methylene Chloride	4.91	84	128422	46.569	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	123478	50.236	ug/l	97
22) Diisopropyl ether	6.31	45	481305	52.646	ug/l	99
23) Vinyl Acetate	6.25	43	1497799	260.733	ug/l	100
24) 1,1-Dichloroethane	6.21	63	255310	52.144	ug/l	99
25) 2-Butanone	7.17	43	238828	228.258	ug/l	98
26) 2,2-Dichloropropane	7.17	77	126976	42.168	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	138904	51.347	ug/l	99
28) Bromochloromethane	7.51	49	118764	54.647	ug/l	99
29) Tetrahydrofuran	7.53	42	158705	265.359	ug/l	99
30) Chloroform	7.68	83	234753	51.969	ug/l	98
31) Cyclohexane	7.95	56	222895	47.424	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	180577	52.491	ug/l	99
36) 1,1-Dichloropropene	8.08	75	190132	49.778	ug/l	99
37) Ethyl Acetate	7.25	43	112430	51.162	ug/l	98
38) Carbon Tetrachloride	8.07	117	164324	50.254	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	210265	49.993	ug/l	99
40) Benzene	8.32	78	536119	50.109	ug/l	100
41) Methacrylonitrile	7.48	41	66253	50.435	ug/l	96
42) 1,2-Dichloroethane	8.40	62	171006	51.051	ug/l	100
43) Isopropyl Acetate	8.42	43	212415	52.559	ug/l	99
44) Trichloroethene	9.09	130	130191	50.629	ug/l	99
45) 1,2-Dichloropropane	9.37	63	146089	51.032	ug/l	100
46) Dibromomethane	9.46	93	66589	50.964	ug/l	99
47) Bromodichloromethane	9.65	83	175564	51.224	ug/l	99
48) Methyl methacrylate	9.43	41	102952	53.031	ug/l	98
49) 1,4-Dioxane	9.46	88	20984	1109.177	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	555439	264.225	ug/l	100
52) Toluene	10.39	92	325859	50.434	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	180000	50.276	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	213961	50.262	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94584	51.020	ug/l	98
56) Ethyl methacrylate	10.65	69	146239	53.908	ug/l	98
57) 1,3-Dichloropropane	10.93	76	180537	51.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	373430	303.180	ug/l	100
59) 2-Hexanone	10.97	43	377099	254.067	ug/l	100
60) Dibromochloromethane	11.13	129	104863	50.959	ug/l	100
61) 1,2-Dibromoethane	11.24	107	90454	51.559	ug/l	99
64) Tetrachloroethene	10.86	164	108213	51.738	ug/l	98
65) Chlorobenzene	11.66	112	325743	50.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	114847	51.053	ug/l	98
67) Ethyl Benzene	11.73	91	634839	51.613	ug/l	99
68) m/p-Xylenes	11.84	106	454102	101.517	ug/l	99
69) o-Xylene	12.16	106	216617	52.112	ug/l	100
70) Styrene	12.18	104	376054	52.324	ug/l	99
71) Bromoform	12.35	173	59549	51.919	ug/l #	97
73) Isopropylbenzene	12.46	105	591298	50.306	ug/l	99
74) N-amyl acetate	12.27	43	202308	54.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	123414	55.820	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	79964m	47.965	ug/l	
77) Bromobenzene	12.75	156	131775	50.721	ug/l	98
78) n-propylbenzene	12.80	91	711252	49.721	ug/l	100
79) 2-Chlorotoluene	12.89	91	413060	50.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	494154	50.153	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	36084	49.883	ug/l	96
82) 4-Chlorotoluene	12.99	91	429493	49.672	ug/l	99
83) tert-Butylbenzene	13.21	119	421409	51.145	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	492415	49.612	ug/l	99
85) sec-Butylbenzene	13.38	105	590648	50.240	ug/l	100
86) p-Isopropyltoluene	13.50	119	532033	49.877	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	243795	47.858	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	246842	48.711	ug/l	95
89) n-Butylbenzene	13.82	91	514996	48.379	ug/l	99
90) Hexachloroethane	14.09	117	92348	48.959	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	220873	49.023	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18948	50.257	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	153720	48.410	ug/l	99
94) Hexachlorobutadiene	15.24	225	96287	48.624	ug/l	99
95) Naphthalene	15.36	128	313973	50.458	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	138904	49.905	ug/l	99

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

