

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011550.D
 Acq On : 27 Jul 2019 06:54
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:19:39 AM

Quant Time: Jul 29 01:25:54 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	223007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162866	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126959	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.88	113	99874	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.32	98	406057	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.62	95	145528	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	53267	42.859	ug/l	91
3) Chloromethane	2.21	50	93591	43.427	ug/l	98
4) Vinyl Chloride	2.36	62	118412	45.638	ug/l	98
5) Bromomethane	2.76	94	55645	38.746	ug/l	96
6) Chloroethane	2.90	64	63521	42.859	ug/l	98
7) Trichlorofluoromethane	3.24	101	48202	41.569	ug/l	97
8) Diethyl Ether	3.67	74	67031	50.984	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98566	44.809	ug/l	99
10) Methyl Iodide	4.27	142	148532	47.782	ug/l	99
11) Tert butyl alcohol	5.20	59	50313	267.477	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	107903	46.459	ug/l	99
13) Acrolein	3.89	56	32169	175.078	ug/l	100
14) Allyl chloride	4.66	41	232059	46.978	ug/l	100
15) Acrylonitrile	5.36	53	170391	259.623	ug/l	99
16) Acetone	4.13	43	136682	167.797	ug/l	98
17) Carbon Disulfide	4.38	76	322933	44.425	ug/l	99
18) Methyl Acetate	4.67	43	116542	63.687	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	189065	51.299	ug/l	97
20) Methylene Chloride	4.91	84	126519	45.036	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122118	48.770	ug/l	92
22) Diisopropyl ether	6.31	45	476788	51.194	ug/l	98
23) Vinyl Acetate	6.25	43	1367727	233.717	ug/l	99
24) 1,1-Dichloroethane	6.21	63	246563	49.432	ug/l	99
25) 2-Butanone	7.17	43	241754	226.811	ug/l	96
26) 2,2-Dichloropropane	7.17	77	112983	36.832	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	135393	49.130	ug/l	100
28) Bromochloromethane	7.51	49	116770	52.743	ug/l #	99
29) Tetrahydrofuran	7.53	42	157868	259.111	ug/l	100
30) Chloroform	7.67	83	227582	49.456	ug/l	97
31) Cyclohexane	7.95	56	209624	43.782	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	168569	48.101	ug/l	100
36) 1,1-Dichloropropene	8.08	75	178115	45.424	ug/l	98
37) Ethyl Acetate	7.25	43	110107	48.808	ug/l	99
38) Carbon Tetrachloride	8.07	117	150262	44.764	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	193642	44.849	ug/l	98
40) Benzene	8.32	78	525035	47.803	ug/l	98
41) Methacrylonitrile	7.48	41	66021	48.958	ug/l	95
42) 1,2-Dichloroethane	8.40	62	166713	48.481	ug/l	99
43) Isopropyl Acetate	8.42	43	204583	49.311	ug/l	99
44) Trichloroethene	9.09	130	124850	47.295	ug/l	100
45) 1,2-Dichloropropane	9.37	63	142176	48.379	ug/l	98
46) Dibromomethane	9.46	93	66069	49.257	ug/l	99
47) Bromodichloromethane	9.65	83	168585	47.915	ug/l	98
48) Methyl methacrylate	9.43	41	102434	51.398	ug/l	99
49) 1,4-Dioxane	9.46	88	19190	988.091	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	546716	253.343	ug/l	100
52) Toluene	10.38	92	316817	47.765	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	171105	46.554	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	202709	46.386	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	92742	48.732	ug/l	97
56) Ethyl methacrylate	10.65	69	142979	51.341	ug/l	100
57) 1,3-Dichloropropane	10.93	76	178491	49.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	380933	301.266	ug/l	100
59) 2-Hexanone	10.97	43	367082	240.916	ug/l	100
60) Dibromochloromethane	11.13	129	103849	49.159	ug/l	99
61) 1,2-Dibromoethane	11.23	107	88778	49.294	ug/l	100
64) Tetrachloroethene	10.86	164	111981	51.340	ug/l	97
65) Chlorobenzene	11.66	112	320928	47.652	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	113992	48.592	ug/l	98
67) Ethyl Benzene	11.73	91	614887	47.938	ug/l	100
68) m/p-Xylenes	11.84	106	442279	94.814	ug/l	99
69) o-Xylene	12.16	106	210902	48.654	ug/l	99
70) Styrene	12.18	104	367777	49.071	ug/l	100
71) Bromoform	12.35	173	58450	48.867	ug/l #	99
73) Isopropylbenzene	12.46	105	568815	46.815	ug/l	100
74) N-amyl acetate	12.27	43	181076	47.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	112660	49.295	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78759m	45.702	ug/l	
77) Bromobenzene	12.74	156	129177	48.101	ug/l	99
78) n-propylbenzene	12.80	91	697639	47.180	ug/l	100
79) 2-Chlorotoluene	12.89	91	403278	47.340	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	486844	47.801	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32970	44.092	ug/l	97
82) 4-Chlorotoluene	12.99	91	428971	47.995	ug/l	100
83) tert-Butylbenzene	13.21	119	400550	47.029	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	491200	47.876	ug/l	100
85) sec-Butylbenzene	13.38	105	567522	46.699	ug/l	100
86) p-Isopropyltoluene	13.50	119	514787	46.687	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	249441	47.370	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	245012	46.774	ug/l	99
89) n-Butylbenzene	13.82	91	506732	46.051	ug/l	100
90) Hexachloroethane	14.09	117	90736	46.537	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	223766	48.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18436	47.305	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	156296	47.617	ug/l	99
94) Hexachlorobutadiene	15.24	225	93192	45.527	ug/l	98
95) Naphthalene	15.36	128	298963	46.642	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	137417	47.761	ug/l	99

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

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