

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008405.D
 Acq On : 25 Jan 2019 12:12
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:45:41 PM

Quant Time: Jan 28 01:52:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	554188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	867161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	765949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	401751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	259833	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	7.88	113	254315	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.32	98	1037162	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	384268	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	166077	51.736	ug/l	97
3) Chloromethane	2.21	50	228062	50.415	ug/l	99
4) Vinyl Chloride	2.36	62	313717	54.478	ug/l	99
5) Bromomethane	2.78	94	199236	53.640	ug/l	98
6) Chloroethane	2.92	64	190788	54.174	ug/l	99
7) Trichlorofluoromethane	3.25	101	240967	48.288	ug/l	97
8) Diethyl Ether	3.67	74	130984	47.394	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	266650	53.198	ug/l	97
10) Methyl Iodide	4.26	142	419877	53.034	ug/l	99
11) Tert butyl alcohol	5.17	59	100261	228.732	ug/l	98
12) 1,1-Dichloroethene	4.03	96	266205	52.479	ug/l	99
13) Acrolein	3.89	56	80490	208.827	ug/l	97
14) Allyl chloride	4.66	41	487221	50.582	ug/l	99
15) Acrylonitrile	5.36	53	279175	233.932	ug/l	99
16) Acetone	4.12	43	304949	249.423	ug/l	98
17) Carbon Disulfide	4.37	76	859405	53.047	ug/l	99
18) Methyl Acetate	4.67	43	150949	46.290	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	400600	47.731	ug/l	98
20) Methylene Chloride	4.90	84	274467	48.707	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	292875	51.356	ug/l	99
22) Diisopropyl ether	6.31	45	886209	48.544	ug/l	98
23) Vinyl Acetate	6.25	43	2549413	236.505	ug/l	100
24) 1,1-Dichloroethane	6.21	63	517219	50.053	ug/l	99
25) 2-Butanone	7.17	43	405296	238.663	ug/l	100
26) 2,2-Dichloropropane	7.16	77	362209	51.857	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	315913	50.829	ug/l	99
28) Bromochloromethane	7.51	49	214989	45.297	ug/l	99
29) Tetrahydrofuran	7.52	42	248424	230.846	ug/l	100
30) Chloroform	7.67	83	511966	50.371	ug/l	98
31) Cyclohexane	7.95	56	524503	49.088	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	457102	52.069	ug/l	99
36) 1,1-Dichloropropene	8.08	75	432477	52.797	ug/l	99
37) Ethyl Acetate	7.25	43	167270	46.156	ug/l	99
38) Carbon Tetrachloride	8.06	117	441368	53.546	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	569733	52.946	ug/l	98
40) Benzene	8.32	78	1171137	51.524	ug/l	99
41) Methacrylonitrile	7.48	41	98993	46.132	ug/l	95
42) 1,2-Dichloroethane	8.40	62	323336	49.087	ug/l	100
43) Isopropyl Acetate	8.42	43	351099	46.632	ug/l	98
44) Trichloroethene	9.09	130	326105	52.759	ug/l	100
45) 1,2-Dichloropropane	9.37	63	284773	50.247	ug/l	100
46) Dibromomethane	9.46	93	144028	49.410	ug/l	99
47) Bromodichloromethane	9.64	83	388699	50.414	ug/l	100
48) Methyl methacrylate	9.43	41	170390	46.283	ug/l	99
49) 1,4-Dioxane	9.45	88	49211	998.766	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	863465	232.139	ug/l	100
52) Toluene	10.38	92	764102	50.925	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	406264	49.519	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	469308	50.407	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	199922	49.446	ug/l	98
56) Ethyl methacrylate	10.65	69	267541	47.224	ug/l	99
57) 1,3-Dichloropropane	10.93	76	351652	48.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	627340	227.903	ug/l	99
59) 2-Hexanone	10.97	43	630317	240.039	ug/l	100
60) Dibromochloromethane	11.13	129	256207	49.310	ug/l	100
61) 1,2-Dibromoethane	11.23	107	196536	49.023	ug/l	100
64) Tetrachloroethene	10.86	164	276615	53.339	ug/l	97
65) Chlorobenzene	11.66	112	818900	52.374	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	289804	51.805	ug/l	98
67) Ethyl Benzene	11.73	91	1510901	52.569	ug/l	99
68) m/p-Xylenes	11.84	106	1168159	104.755	ug/l	99
69) o-Xylene	12.17	106	551136	52.016	ug/l	100
70) Styrene	12.18	104	901502	51.510	ug/l	99
71) Bromoform	12.35	173	155541	49.417	ug/l	100
73) Isopropylbenzene	12.47	105	1544418	51.564	ug/l	99
74) N-amyl acetate	12.27	43	358195	46.423	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	227402	47.956	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	165531m	47.390	ug/l	
77) Bromobenzene	12.75	156	331215	50.636	ug/l	97
78) n-propylbenzene	12.80	91	1868609	51.944	ug/l	100
79) 2-Chlorotoluene	12.90	91	1037756	51.122	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1298285	51.860	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	83249	47.073	ug/l	97
82) 4-Chlorotoluene	12.99	91	1097682	50.789	ug/l	99
83) tert-Butylbenzene	13.21	119	1152613	51.739	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1312735	51.590	ug/l	99
85) sec-Butylbenzene	13.39	105	1664127	52.306	ug/l	100
86) p-Isopropyltoluene	13.50	119	1465534	52.587	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	679922	51.469	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	668470	50.918	ug/l	100
89) n-Butylbenzene	13.83	91	1427112	52.155	ug/l	100
90) Hexachloroethane	14.10	117	282914	51.910	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	586723	50.196	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40854	45.407	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	419616	50.306	ug/l	99
94) Hexachlorobutadiene	15.24	225	258684	51.460	ug/l	99
95) Naphthalene	15.37	128	712639	48.658	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	350270	49.504	ug/l	99

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

