

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013399.D
 Acq On : 03 Oct 2019 01:08
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:10:55 PM

Quant Time: Oct 04 08:14:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122055	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
35) Dibromofluoromethane	7.88	113	118634	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.32	98	494342	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
62) 4-Bromofluorobenzene	12.62	95	168465	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57207	49.916	ug/l	95
3) Chloromethane	2.20	50	87317	46.170	ug/l	100
4) Vinyl Chloride	2.36	62	129347	48.191	ug/l	99
5) Bromomethane	2.76	94	78232	47.442	ug/l	91
6) Chloroethane	2.92	64	70860	45.720	ug/l	96
7) Trichlorofluoromethane	3.25	101	48667	41.794	ug/l	95
8) Diethyl Ether	3.68	74	66703	49.491	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	128404	49.737	ug/l	99
10) Methyl Iodide	4.27	142	198396	47.586	ug/l	99
11) Tert butyl alcohol	5.17	59	57340	316.367	ug/l	100
12) 1,1-Dichloroethene	4.04	96	133864	49.077	ug/l	98
13) Acrolein	3.89	56	52029	233.327	ug/l	96
14) Allyl chloride	4.66	41	182973	45.346	ug/l	98
15) Acrylonitrile	5.36	53	173025	283.985	ug/l	98
16) Acetone	4.12	43	139386	205.536	ug/l	95
17) Carbon Disulfide	4.38	76	368617	48.442	ug/l	98
18) Methyl Acetate	4.67	43	91612	57.717	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	206261	51.378	ug/l	100
20) Methylene Chloride	4.92	84	134147	47.286	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	134410	46.272	ug/l	98
22) Diisopropyl ether	6.31	45	378221	48.537	ug/l	97
23) Vinyl Acetate	6.25	43	1200335	256.710	ug/l	98
24) 1,1-Dichloroethane	6.21	63	224934	47.391	ug/l	99
25) 2-Butanone	7.17	43	229357	264.311	ug/l	95
26) 2,2-Dichloropropane	7.16	77	121534	44.059	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	145304	47.789	ug/l	97
28) Bromochloromethane	7.51	49	96551	56.263	ug/l	93
29) Tetrahydrofuran	7.52	42	150887	297.053	ug/l	97
30) Chloroform	7.67	83	218365	46.920	ug/l	100
31) Cyclohexane	7.95	56	238552	47.129	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	178324	48.908	ug/l	99
36) 1,1-Dichloropropene	8.08	75	188058	48.294	ug/l	98
37) Ethyl Acetate	7.24	43	99397	57.811	ug/l	98
38) Carbon Tetrachloride	8.06	117	169128	50.139	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	256299	49.977	ug/l	99
40) Benzene	8.32	78	528297	47.926	ug/l	100
41) Methacrylonitrile	7.48	41	61100	58.964	ug/l	96
42) 1,2-Dichloroethane	8.40	62	144367	50.957	ug/l	98
43) Isopropyl Acetate	8.42	43	180766	55.885	ug/l	98
44) Trichloroethene	9.09	130	150430	48.461	ug/l	94
45) 1,2-Dichloropropane	9.37	63	130320	49.239	ug/l	95
46) Dibromomethane	9.46	93	67568	51.255	ug/l	96
47) Bromodichloromethane	9.64	83	160415	49.431	ug/l	93
48) Methyl methacrylate	9.43	41	90218	58.049	ug/l	96
49) 1,4-Dioxane	9.45	88	28672	1419.113	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	480329	282.640	ug/l	97
52) Toluene	10.38	92	344135	48.402	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	167816	49.715	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	198371	48.470	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	102618	52.181	ug/l	98
56) Ethyl methacrylate	10.64	69	145787	55.077	ug/l	97
57) 1,3-Dichloropropane	10.93	76	178051	52.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	325773	299.611	ug/l	99
59) 2-Hexanone	10.97	43	330584	280.649	ug/l	98
60) Dibromochloromethane	11.13	129	117276	52.128	ug/l	98
61) 1,2-Dibromoethane	11.23	107	101386	53.353	ug/l	100
64) Tetrachloroethene	10.86	164	141987	50.863	ug/l	99
65) Chlorobenzene	11.66	112	352178	46.849	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	123865	48.378	ug/l	99
67) Ethyl Benzene	11.73	91	654782	48.600	ug/l	99
68) m/p-Xylenes	11.84	106	502990	96.722	ug/l	99
69) o-Xylene	12.16	106	232230	48.299	ug/l	96
70) Styrene	12.18	104	406949	49.512	ug/l	99
71) Bromoform	12.35	173	75437	54.344	ug/l #	100
73) Isopropylbenzene	12.46	105	652955	47.843	ug/l	99
74) N-amyl acetate	12.27	43	161459	55.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123987	53.674	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	77788m	46.909	ug/l	
77) Bromobenzene	12.74	156	156683	47.812	ug/l	99
78) n-propylbenzene	12.80	91	757010	48.220	ug/l	99
79) 2-Chlorotoluene	12.89	91	417287	47.856	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	546170	48.175	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38785	49.759	ug/l	94
82) 4-Chlorotoluene	12.99	91	434214	47.538	ug/l	99
83) tert-Butylbenzene	13.21	119	490868	49.570	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	531883	47.193	ug/l	99
85) sec-Butylbenzene	13.38	105	674504	49.403	ug/l	100
86) p-Isopropyltoluene	13.50	119	613043	48.451	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	288259	46.754	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	288153	46.678	ug/l	99
89) n-Butylbenzene	13.82	91	554639	48.621	ug/l	100
90) Hexachloroethane	14.09	117	104163	49.829	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	259075	47.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20556	59.493	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	185278	47.369	ug/l	99
94) Hexachlorobutadiene	15.23	225	126749	49.884	ug/l	99
95) Naphthalene	15.36	128	369273	55.966	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	169408	49.607	ug/l	98

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

