

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012488.D
 Acq On : 02 Sep 2019 10:08
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:56:08 AM

Quant Time: Sep 03 07:51:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137571	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
35) Dibromofluoromethane	7.88	113	109517	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
50) Toluene-d8	10.32	98	438071	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	154423	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	60728	45.295	ug/l	99
3) Chloromethane	2.21	50	97315	46.850	ug/l	97
4) Vinyl Chloride	2.36	62	116006	45.629	ug/l	99
5) Bromomethane	2.78	94	62206	48.313	ug/l	98
6) Chloroethane	2.92	64	68210	47.560	ug/l	94
7) Trichlorofluoromethane	3.26	101	74817	58.607	ug/l	99
8) Diethyl Ether	3.68	74	56782	46.860	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104946	48.364	ug/l	98
10) Methyl Iodide	4.26	142	144418	49.189	ug/l	98
11) Tert butyl alcohol	5.15	59	40381	259.235	ug/l	99
12) 1,1-Dichloroethene	4.04	96	104674	47.926	ug/l	99
13) Acrolein	3.89	56	10943	74.630	ug/l	94
14) Allyl chloride	4.66	41	231451	49.570	ug/l	99
15) Acrylonitrile	5.35	53	143744	239.331	ug/l	100
16) Acetone	4.11	43	182546	275.893	ug/l	99
17) Carbon Disulfide	4.38	76	303790	46.024	ug/l	99
18) Methyl Acetate	4.67	43	78605	47.965	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	187207	53.004	ug/l	99
20) Methylene Chloride	4.91	84	111865	44.722	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	110486	47.175	ug/l	98
22) Diisopropyl ether	6.31	45	426277	49.253	ug/l	98
23) Vinyl Acetate	6.25	43	1297656	243.633	ug/l	99
24) 1,1-Dichloroethane	6.21	63	229971	48.801	ug/l	99
25) 2-Butanone	7.17	43	219897	244.571	ug/l	98
26) 2,2-Dichloropropane	7.17	77	143415	53.769	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	121758	48.659	ug/l	98
28) Bromochloromethane	7.51	49	93462	45.505	ug/l	98
29) Tetrahydrofuran	7.52	42	132055	244.805	ug/l	99
30) Chloroform	7.67	83	214603	49.776	ug/l	97
31) Cyclohexane	7.95	56	207045	44.409	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	177423	52.021	ug/l	99
36) 1,1-Dichloropropene	8.08	75	174691	50.154	ug/l	100
37) Ethyl Acetate	7.25	43	90828	47.587	ug/l	99
38) Carbon Tetrachloride	8.07	117	159602	52.942	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191460	48.930	ug/l	98
40) Benzene	8.32	78	468203	49.229	ug/l	99
41) Methacrylonitrile	7.48	41	58874	52.482	ug/l	96
42) 1,2-Dichloroethane	8.40	62	152331	51.105	ug/l	100
43) Isopropyl Acetate	8.42	43	173520	49.080	ug/l	100
44) Trichloroethene	9.09	130	116040	50.190	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123945	48.423	ug/l	99
46) Dibromomethane	9.46	93	55793	48.990	ug/l	98
47) Bromodichloromethane	9.65	83	155618	51.342	ug/l	96
48) Methyl methacrylate	9.43	41	82857	49.240	ug/l	98
49) 1,4-Dioxane	9.44	88	16866	967.386	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	442219	245.917	ug/l	99
52) Toluene	10.38	92	284539	49.801	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	159411	51.632	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	188915	50.676	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	79247	49.181	ug/l	98
56) Ethyl methacrylate	10.65	69	119137	50.801	ug/l	99
57) 1,3-Dichloropropane	10.93	76	150504	49.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	305173	253.553	ug/l	100
59) 2-Hexanone	10.96	43	322922	253.795	ug/l	99
60) Dibromochloromethane	11.13	129	91946	51.230	ug/l	100
61) 1,2-Dibromoethane	11.23	107	75359	50.200	ug/l	96
64) Tetrachloroethene	10.86	164	95166	51.074	ug/l	97
65) Chlorobenzene	11.66	112	280564	49.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	101819	51.574	ug/l	99
67) Ethyl Benzene	11.73	91	561322	51.491	ug/l	99
68) m/p-Xylenes	11.83	106	398972	101.602	ug/l	99
69) o-Xylene	12.16	106	185329	50.993	ug/l	100
70) Styrene	12.18	104	320406	50.933	ug/l	98
71) Bromoform	12.35	173	51065	51.915	ug/l #	100
73) Isopropylbenzene	12.46	105	531336	51.322	ug/l	99
74) N-amyl acetate	12.27	43	157336	50.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	92326	48.644	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63975m	47.543	ug/l	
77) Bromobenzene	12.74	156	113825	50.821	ug/l	97
78) n-propylbenzene	12.80	91	642599	50.843	ug/l	99
79) 2-Chlorotoluene	12.89	91	361535	50.384	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	446587	51.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	30824	50.224	ug/l	96
82) 4-Chlorotoluene	12.99	91	380929	50.700	ug/l	100
83) tert-Butylbenzene	13.21	119	381095	52.005	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	441614	50.818	ug/l	100
85) sec-Butylbenzene	13.38	105	534456	50.907	ug/l	99
86) p-Isopropyltoluene	13.50	119	484570	51.682	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	217529	49.655	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	215628	49.571	ug/l	99
89) n-Butylbenzene	13.82	91	477426	51.205	ug/l	100
90) Hexachloroethane	14.09	117	82642	50.239	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	193475	50.343	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16185	50.583	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	132025	49.711	ug/l	99
94) Hexachlorobutadiene	15.24	225	87749	50.038	ug/l	99
95) Naphthalene	15.36	128	229774	44.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	112709	48.641	ug/l	98

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

