

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012655.D
 Acq On : 05 Sep 2019 21:28
 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
 9/6/2019 12:29:37 PM

Quant Time: Sep 06 08:27:21 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	218337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	142605	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	7.88	113	115245	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.32	98	440221	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.61	95	145922	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	71260	53.006	ug/l	98
3) Chloromethane	2.21	50	96775	46.463	ug/l	99
4) Vinyl Chloride	2.36	62	110866	43.489	ug/l	97
5) Bromomethane	2.77	94	62792	48.635	ug/l	98
6) Chloroethane	2.90	64	66657	46.350	ug/l	98
7) Trichlorofluoromethane	3.24	101	66560	51.997	ug/l	99
8) Diethyl Ether	3.67	74	71029	58.458	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	118778	54.589	ug/l	96
10) Methyl Iodide	4.26	142	169063	57.426	ug/l	99
11) Tert butyl alcohol	5.21	59	48337	309.465	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	118379	54.054	ug/l	99
13) Acrolein	3.89	56	39886	271.278	ug/l	95
14) Allyl chloride	4.66	41	254785	54.419	ug/l	98
15) Acrylonitrile	5.37	53	183163	304.132	ug/l	99
16) Acetone	4.13	43	164783	248.368	ug/l	98
17) Carbon Disulfide	4.37	76	312795	47.259	ug/l	99
18) Methyl Acetate	4.67	43	108497	66.025	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	231121	65.259	ug/l	96
20) Methylene Chloride	4.91	84	138825	55.349	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	132690	56.501	ug/l	98
22) Diisopropyl ether	6.31	45	510289	58.800	ug/l	97
23) Vinyl Acetate	6.25	43	1590736	297.844	ug/l	99
24) 1,1-Dichloroethane	6.21	63	276114	58.434	ug/l	100
25) 2-Butanone	7.17	43	258238	286.432	ug/l	97
26) 2,2-Dichloropropane	7.16	77	148380	55.479	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	150614	60.026	ug/l	99
28) Bromochloromethane	7.51	49	112987	54.861	ug/l	92
29) Tetrahydrofuran	7.53	42	166636	308.070	ug/l	98
30) Chloroform	7.67	83	263754	61.010	ug/l	99
31) Cyclohexane	7.95	56	227089	48.575	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	207136	60.567	ug/l	99
36) 1,1-Dichloropropene	8.08	75	204102	58.147	ug/l	100
37) Ethyl Acetate	7.25	43	116187	60.405	ug/l	98
38) Carbon Tetrachloride	8.07	117	185672	61.115	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	213383	54.113	ug/l	97
40) Benzene	8.32	78	572007	59.680	ug/l	100
41) Methacrylonitrile	7.48	41	73105	64.667	ug/l	99
42) 1,2-Dichloroethane	8.40	62	193290	64.347	ug/l	99
43) Isopropyl Acetate	8.42	43	226239	63.499	ug/l	99
44) Trichloroethene	9.09	130	144397	61.974	ug/l	90
45) 1,2-Dichloropropane	9.37	63	151704	58.812	ug/l	100
46) Dibromomethane	9.46	93	72808	63.439	ug/l	98
47) Bromodichloromethane	9.64	83	195732	64.080	ug/l	98
48) Methyl methacrylate	9.43	41	109487	64.566	ug/l	95
49) 1,4-Dioxane	9.48	88	21751	1237.978	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	587121	323.985	ug/l	100
52) Toluene	10.38	92	353250	61.351	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	200254	64.362	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	233512	62.157	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	103893	63.980	ug/l	98
56) Ethyl methacrylate	10.65	69	155962	65.992	ug/l	99
57) 1,3-Dichloropropane	10.93	76	194510	63.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	371189	306.030	ug/l	99
59) 2-Hexanone	10.97	43	392637	306.212	ug/l	99
60) Dibromochloromethane	11.13	129	120860	66.823	ug/l	100
61) 1,2-Dibromoethane	11.23	107	98584	65.167	ug/l	99
64) Tetrachloroethene	10.86	164	122306	68.947	ug/l	98
65) Chlorobenzene	11.66	112	322604	59.878	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	120177	63.940	ug/l	99
67) Ethyl Benzene	11.73	91	622077	59.940	ug/l	99
68) m/p-Xylenes	11.84	106	450493	120.504	ug/l	99
69) o-Xylene	12.16	106	216942	62.699	ug/l	99
70) Styrene	12.18	104	381485	63.698	ug/l	99
71) Bromoform	12.35	173	66903	71.444	ug/l #	98
73) Isopropylbenzene	12.46	105	615533	55.208	ug/l	99
74) N-amyl acetate	12.27	43	186317	55.311	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	116558	57.025	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78110m	53.901	ug/l	
77) Bromobenzene	12.75	156	143525	59.504	ug/l	96
78) n-propylbenzene	12.80	91	729747	53.615	ug/l	98
79) 2-Chlorotoluene	12.89	91	429062	55.524	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	531625	57.064	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37150	56.208	ug/l	97
82) 4-Chlorotoluene	12.99	91	444194	54.898	ug/l	99
83) tert-Butylbenzene	13.21	119	459592	58.238	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	533339	56.990	ug/l	100
85) sec-Butylbenzene	13.38	105	654292	57.870	ug/l	100
86) p-Isopropyltoluene	13.50	119	593636	58.793	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	276904	58.693	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	281660	60.126	ug/l	100
89) n-Butylbenzene	13.82	91	595859	59.343	ug/l	99
90) Hexachloroethane	14.09	117	105762	59.702	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	258570	62.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22275	64.643	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	188423	65.879	ug/l	100
94) Hexachlorobutadiene	15.24	225	122178	64.694	ug/l	97
95) Naphthalene	15.36	128	345878	60.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	166274	66.632	ug/l	99

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

