

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100319\
 Data File : VW013429.D
 Acq On : 03 Oct 2019 19:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:06:40 PM

Quant Time: Oct 04 09:37:32 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	333643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	208864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137154	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.88	113	140012	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.32	98	576524	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
62) 4-Bromofluorobenzene	12.62	95	195660	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67443	52.262	ug/l	99
3) Chloromethane	2.21	50	110659	51.964	ug/l	99
4) Vinyl Chloride	2.36	62	167430	55.399	ug/l	99
5) Bromomethane	2.77	94	100534	54.144	ug/l	95
6) Chloroethane	2.92	64	92498	53.003	ug/l	97
7) Trichlorofluoromethane	3.25	101	81212	61.939	ug/l	93
8) Diethyl Ether	3.68	74	87178	57.444	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	160897	55.349	ug/l	99
10) Methyl Iodide	4.27	142	267202	56.917	ug/l	98
11) Tert butyl alcohol	5.18	59	58903	288.238	ug/l	98
12) 1,1-Dichloroethene	4.04	96	169872	55.309	ug/l	98
13) Acrolein	3.89	56	48658	195.584	ug/l	99
14) Allyl chloride	4.67	41	269169	59.243	ug/l	99
15) Acrylonitrile	5.37	53	196443	286.341	ug/l	98
16) Acetone	4.12	43	163642	214.302	ug/l	94
17) Carbon Disulfide	4.38	76	490223	57.214	ug/l	98
18) Methyl Acetate	4.67	43	96341	53.904	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	269412	59.599	ug/l	100
20) Methylene Chloride	4.91	84	181278	57.120	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	181927	55.622	ug/l	99
22) Diisopropyl ether	6.31	45	517260	58.952	ug/l	99
23) Vinyl Acetate	6.25	43	1569169	298.038	ug/l	99
24) 1,1-Dichloroethane	6.21	63	308138	57.657	ug/l	99
25) 2-Butanone	7.17	43	249325	255.170	ug/l	95
26) 2,2-Dichloropropane	7.17	77	177315	57.596	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	197041	57.553	ug/l	97
28) Bromochloromethane	7.51	49	110441	57.155	ug/l	95
29) Tetrahydrofuran	7.53	42	164325	287.626	ug/l	100
30) Chloroform	7.68	83	296301	56.541	ug/l	99
31) Cyclohexane	7.96	56	302969	53.158	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	237927	57.953	ug/l	99
36) 1,1-Dichloropropene	8.08	75	249780	55.617	ug/l	99
37) Ethyl Acetate	7.25	43	114009	57.496	ug/l	97
38) Carbon Tetrachloride	8.07	117	220142	56.586	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	327932	55.444	ug/l	98
40) Benzene	8.32	78	717290	56.420	ug/l	99
41) Methacrylonitrile	7.48	41	66110	55.318	ug/l	93
42) 1,2-Dichloroethane	8.40	62	186171	56.976	ug/l	98
43) Isopropyl Acetate	8.42	43	215392	57.738	ug/l	98
44) Trichloroethene	9.09	130	201451	56.270	ug/l	98
45) 1,2-Dichloropropane	9.37	63	175217	57.402	ug/l	97
46) Dibromomethane	9.46	93	86620	56.972	ug/l	98
47) Bromodichloromethane	9.65	83	217348	58.071	ug/l	96
48) Methyl methacrylate	9.43	41	108086	60.300	ug/l	95
49) 1,4-Dioxane	9.46	88	27921	1194.914	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	547540	279.358	ug/l	98
52) Toluene	10.38	92	460707	56.183	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	228371	58.660	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	277721	58.837	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	130386	57.488	ug/l	99
56) Ethyl methacrylate	10.65	69	179715	58.869	ug/l	97
57) 1,3-Dichloropropane	10.93	76	223970	56.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	342140	272.833	ug/l	99
59) 2-Hexanone	10.97	43	379170	279.103	ug/l	100
60) Dibromochloromethane	11.13	129	153714	59.241	ug/l	98
61) 1,2-Dibromoethane	11.24	107	125986	57.484	ug/l	99
64) Tetrachloroethene	10.86	164	175691	55.632	ug/l	99
65) Chlorobenzene	11.66	112	481995	56.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	169786	58.618	ug/l	100
67) Ethyl Benzene	11.73	91	877702	57.586	ug/l	100
68) m/p-Xylenes	11.84	106	665330	113.091	ug/l	99
69) o-Xylene	12.16	106	315505	58.003	ug/l	97
70) Styrene	12.18	104	547909	58.925	ug/l	99
71) Bromoform	12.35	173	94054	59.892	ug/l #	100
73) Isopropylbenzene	12.46	105	864485	56.584	ug/l	100
74) N-amyl acetate	12.27	43	199069	61.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	147565	57.065	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	94011m	50.644	ug/l	
77) Bromobenzene	12.74	156	204793	55.825	ug/l	99
78) n-propylbenzene	12.80	91	1000991	56.959	ug/l	100
79) 2-Chlorotoluene	12.89	91	560528	57.425	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	719290	56.676	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	50071	56.741	ug/l	93
82) 4-Chlorotoluene	12.99	91	581665	56.887	ug/l	99
83) tert-Butylbenzene	13.21	119	646269	58.300	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	710767	56.336	ug/l	100
85) sec-Butylbenzene	13.38	105	877598	57.420	ug/l	99
86) p-Isopropyltoluene	13.50	119	814844	57.528	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	397203	57.551	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	388324	56.193	ug/l	100
89) n-Butylbenzene	13.82	91	740347	57.976	ug/l	100
90) Hexachloroethane	14.09	117	138881	59.348	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	347337	56.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22967	59.379	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	254595	58.146	ug/l	99
94) Hexachlorobutadiene	15.24	225	163618	57.524	ug/l	100
95) Naphthalene	15.36	128	451215	61.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	218227	57.084	ug/l	99

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

