

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012861.D
 Acq On : 10 Sep 2019 10:52
 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
 9/11/2019 9:26:48 AM

Quant Time: Sep 10 15:07:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	361473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	155003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	121894	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	
35) Dibromofluoromethane	7.88	113	102779	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	10.32	98	418163	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.62	95	145641	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61017	45.884	ug/l	100
3) Chloromethane	2.21	50	72980	45.157	ug/l	99
4) Vinyl Chloride	2.36	62	96474	48.686	ug/l	98
5) Bromomethane	2.77	94	58149	54.040	ug/l	92
6) Chloroethane	2.92	64	62304	52.689	ug/l	95
7) Trichlorofluoromethane	3.25	101	64569	47.219	ug/l	99
8) Diethyl Ether	3.68	74	56744	49.373	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104003	48.466	ug/l	96
10) Methyl Iodide	4.27	142	136444	50.508	ug/l	97
11) Tert butyl alcohol	5.18	59	43342	206.687	ug/l	99
12) 1,1-Dichloroethene	4.04	96	97709	48.234	ug/l	93
13) Acrolein	3.89	56	50584	227.314	ug/l	99
14) Allyl chloride	4.66	41	195373	46.623	ug/l	99
15) Acrylonitrile	5.36	53	145137	216.212	ug/l	99
16) Acetone	4.12	43	166136	222.347	ug/l	99
17) Carbon Disulfide	4.38	76	195421	45.448	ug/l	99
18) Methyl Acetate	4.67	43	71985	41.063	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	201813	50.234	ug/l	97
20) Methylene Chloride	4.91	84	109723	46.938	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	103785	50.212	ug/l	94
22) Diisopropyl ether	6.31	45	405374	48.774	ug/l	99
23) Vinyl Acetate	6.25	43	1249265	237.177	ug/l	99
24) 1,1-Dichloroethane	6.21	63	220749	49.328	ug/l	98
25) 2-Butanone	7.17	43	215815	200.403	ug/l	97
26) 2,2-Dichloropropane	7.16	77	144925	51.274	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	126142	52.633	ug/l	97
28) Bromochloromethane	7.51	49	95058	46.260	ug/l	90
29) Tetrahydrofuran	7.53	42	123863	205.280	ug/l	96
30) Chloroform	7.67	83	217862	49.122	ug/l	100
31) Cyclohexane	7.95	56	175482	43.557	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	180910	50.322	ug/l	98
36) 1,1-Dichloropropene	8.08	75	162561	50.614	ug/l	98
37) Ethyl Acetate	7.24	43	90021	43.968	ug/l	99
38) Carbon Tetrachloride	8.06	117	163382	51.605	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	178821	49.573	ug/l	96
40) Benzene	8.32	78	454582	51.013	ug/l	100
41) Methacrylonitrile	7.48	41	56386	41.242	ug/l	96
42) 1,2-Dichloroethane	8.40	62	150496	47.987	ug/l	98
43) Isopropyl Acetate	8.42	43	178541	46.028	ug/l	98
44) Trichloroethene	9.09	130	121085	52.714	ug/l	94
45) 1,2-Dichloropropane	9.37	63	123233	49.861	ug/l	93
46) Dibromomethane	9.46	93	58007	49.563	ug/l	95
47) Bromodichloromethane	9.64	83	165977	51.547	ug/l	98
48) Methyl methacrylate	9.43	41	84772	45.731	ug/l	99
49) 1,4-Dioxane	9.46	88	17544	758.887	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	455006	223.545	ug/l	98
52) Toluene	10.38	92	295183	53.073	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	170925	51.624	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	196423	52.295	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	90514	51.658	ug/l	97
56) Ethyl methacrylate	10.65	69	129417	50.458	ug/l	95
57) 1,3-Dichloropropane	10.93	76	161597	49.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	321887	236.399	ug/l	97
59) 2-Hexanone	10.97	43	332892	223.863	ug/l	98
60) Dibromochloromethane	11.13	129	109314	53.047	ug/l	100
61) 1,2-Dibromoethane	11.23	107	82991	51.663	ug/l	99
64) Tetrachloroethene	10.86	164	100976	53.816	ug/l	99
65) Chlorobenzene	11.66	112	313040	53.562	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	119053	54.700	ug/l	99
67) Ethyl Benzene	11.73	91	590415	53.843	ug/l	100
68) m/p-Xylenes	11.84	106	428475	108.253	ug/l	99
69) o-Xylene	12.16	106	205079	54.920	ug/l	97
70) Styrene	12.18	104	368079	55.782	ug/l	97
71) Bromoform	12.35	173	64027	52.948	ug/l #	100
73) Isopropylbenzene	12.46	105	595057	53.526	ug/l	100
74) N-amyl acetate	12.27	43	163550	46.347	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	106054	47.501	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	70265m	44.332	ug/l	
77) Bromobenzene	12.74	156	134624	53.450	ug/l	94
78) n-propylbenzene	12.80	91	689332	51.844	ug/l	99
79) 2-Chlorotoluene	12.89	91	395928	51.871	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	497881	53.148	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	36494	48.699	ug/l	98
82) 4-Chlorotoluene	12.99	91	418766	51.867	ug/l	98
83) tert-Butylbenzene	13.21	119	444213	53.629	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	498224	52.782	ug/l	100
85) sec-Butylbenzene	13.38	105	605331	52.665	ug/l	99
86) p-Isopropyltoluene	13.50	119	557349	53.087	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	264345	53.396	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	260179	52.815	ug/l	99
89) n-Butylbenzene	13.82	91	530592	52.057	ug/l	100
90) Hexachloroethane	14.09	117	98849	53.933	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	235678	52.891	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18760	45.914	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178543	57.552	ug/l	96
94) Hexachlorobutadiene	15.24	225	114026	53.102	ug/l	99
95) Naphthalene	15.36	128	316135	48.736	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	154636	56.469	ug/l	100

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

