

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012715.D
 Acq On : 07 Sep 2019 12:34
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:02:45 PM

Quant Time: Sep 08 05:21:20 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	233688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	133835	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.88	113	101828	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.32	98	421762	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	144733	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	62422	49.273	ug/l	100
3) Chloromethane	2.21	50	70471	45.771	ug/l	98
4) Vinyl Chloride	2.35	62	88445	46.851	ug/l	99
5) Bromomethane	2.78	94	50920	49.673	ug/l	97
6) Chloroethane	2.92	64	54480	48.362	ug/l	99
7) Trichlorofluoromethane	3.25	101	61921	47.532	ug/l	94
8) Diethyl Ether	3.68	74	58460	53.393	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	102187	49.985	ug/l	99
10) Methyl Iodide	4.26	142	123430	47.961	ug/l	99
11) Tert butyl alcohol	5.21	59	50973m	255.153	ug/l	
12) 1,1-Dichloroethene	4.03	96	94151	48.787	ug/l	97
13) Acrolein	3.90	56	47361	223.404	ug/l	99
14) Allyl chloride	4.67	41	201354	50.437	ug/l	100
15) Acrylonitrile	5.37	53	162261	253.730	ug/l	99
16) Acetone	4.14	43	196747	276.396	ug/l	97
17) Carbon Disulfide	4.38	76	197584	48.234	ug/l	100
18) Methyl Acetate	4.67	43	85389	51.129	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	191888	50.137	ug/l	98
20) Methylene Chloride	4.92	84	106635	47.883	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	92557	47.004	ug/l	98
22) Diisopropyl ether	6.31	45	414730	52.379	ug/l	97
23) Vinyl Acetate	6.25	43	1365990	272.221	ug/l	100
24) 1,1-Dichloroethane	6.21	63	211248	49.550	ug/l	99
25) 2-Butanone	7.17	43	252417	241.554	ug/l	98
26) 2,2-Dichloropropane	7.16	77	139061	51.644	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	117728	51.562	ug/l	99
28) Bromochloromethane	7.51	49	100167	51.168	ug/l	99
29) Tetrahydrofuran	7.53	42	148586	258.487	ug/l	99
30) Chloroform	7.67	83	196265	46.451	ug/l	98
31) Cyclohexane	7.95	56	179858	46.861	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	169158	49.390	ug/l	99
36) 1,1-Dichloropropene	8.08	75	159283	51.450	ug/l	99
37) Ethyl Acetate	7.25	43	103186	52.285	ug/l	99
38) Carbon Tetrachloride	8.06	117	158508	51.940	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	174843	50.285	ug/l	97
40) Benzene	8.32	78	435725	50.728	ug/l	99
41) Methacrylonitrile	7.48	41	63489	47.531	ug/l	96
42) 1,2-Dichloroethane	8.40	62	155730	51.516	ug/l	100
43) Isopropyl Acetate	8.42	43	198552	53.103	ug/l	100
44) Trichloroethene	9.09	130	112766	50.931	ug/l	93
45) 1,2-Dichloropropane	9.37	63	122879	51.579	ug/l	98
46) Dibromomethane	9.46	93	59503	52.745	ug/l	99
47) Bromodichloromethane	9.64	83	162395	52.323	ug/l	99
48) Methyl methacrylate	9.43	41	92627	51.839	ug/l	99
49) 1,4-Dioxane	9.47	88	22851	1025.460	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	519127	264.598	ug/l	100
52) Toluene	10.38	92	271884	50.715	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	167901	52.609	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	190507	52.620	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	87969	52.086	ug/l	99
56) Ethyl methacrylate	10.65	69	131962	53.377	ug/l	98
57) 1,3-Dichloropropane	10.93	76	160935	51.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	334208	254.639	ug/l	99
59) 2-Hexanone	10.97	43	377778	263.561	ug/l	100
60) Dibromochloromethane	11.13	129	103548	52.131	ug/l	100
61) 1,2-Dibromoethane	11.23	107	80123	51.745	ug/l	99
64) Tetrachloroethene	10.86	164	92980	50.595	ug/l	96
65) Chlorobenzene	11.66	112	289222	50.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	111575	52.340	ug/l	100
67) Ethyl Benzene	11.73	91	558369	51.989	ug/l	98
68) m/p-Xylenes	11.83	106	398268	102.734	ug/l	99
69) o-Xylene	12.16	106	191515	52.364	ug/l	97
70) Styrene	12.18	104	339162	52.479	ug/l	99
71) Bromoform	12.35	173	63522	53.634	ug/l #	97
73) Isopropylbenzene	12.46	105	550904	50.841	ug/l	99
74) N-amyl acetate	12.27	43	180112	52.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	107514	49.406	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	76210m	49.332	ug/l	
77) Bromobenzene	12.74	156	123322	50.234	ug/l	99
78) n-propylbenzene	12.80	91	663758	51.218	ug/l	100
79) 2-Chlorotoluene	12.89	91	374808	50.379	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	454985	49.831	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37264	51.019	ug/l	98
82) 4-Chlorotoluene	12.99	91	397295	50.486	ug/l	99
83) tert-Butylbenzene	13.21	119	409038	50.665	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	460312	50.032	ug/l	100
85) sec-Butylbenzene	13.38	105	572820	51.131	ug/l	100
86) p-Isopropyltoluene	13.50	119	521136	50.927	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	242082	50.169	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	240305	50.048	ug/l	99
89) n-Butylbenzene	13.82	91	512772	51.616	ug/l	100
90) Hexachloroethane	14.09	117	93062	52.095	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	219574	50.557	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20451	51.353	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	162812	53.844	ug/l	99
94) Hexachlorobutadiene	15.24	225	106506	50.888	ug/l	99
95) Naphthalene	15.36	128	323451	50.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144083	53.983	ug/l	100

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

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