

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008644.D
 Acq On : 13 Feb 2019 16:55
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW021319

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 2:09:14 PM

Quant Time: Feb 14 04:15:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	408407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	615292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	549191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	304582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	217195	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.88	113	195221	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.32	98	765405	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	290974	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	135300	51.724	ug/l	96
3) Chloromethane	2.21	50	224541	59.545	ug/l	100
4) Vinyl Chloride	2.37	62	284423	57.420	ug/l	97
5) Bromomethane	2.78	94	193925	49.477	ug/l	96
6) Chloroethane	2.92	64	187948	50.993	ug/l	99
7) Trichlorofluoromethane	3.25	101	219476	56.889	ug/l	98
8) Diethyl Ether	3.67	74	113806	49.433	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	203825	49.994	ug/l	97
10) Methyl Iodide	4.26	142	313692	49.297	ug/l	100
11) Tert butyl alcohol	5.18	59	78227	230.273	ug/l	100
12) 1,1-Dichloroethene	4.03	96	197616	49.564	ug/l	93
13) Acrolein	3.89	56	83071	237.341	ug/l	96
14) Allyl chloride	4.66	41	340973	51.473	ug/l	99
15) Acrylonitrile	5.36	53	237107	244.686	ug/l	98
16) Acetone	4.12	43	277745	287.463	ug/l	95
17) Carbon Disulfide	4.37	76	611191	50.796	ug/l	97
18) Methyl Acetate	4.66	43	105463	47.767	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	345234	49.324	ug/l	98
20) Methylene Chloride	4.90	84	203842	47.527	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	216069	49.484	ug/l	95
22) Diisopropyl ether	6.31	45	676604	50.748	ug/l	97
23) Vinyl Acetate	6.25	43	2197716	253.980	ug/l	100
24) 1,1-Dichloroethane	6.21	63	383269	49.818	ug/l	99
25) 2-Butanone	7.17	43	356589	261.369	ug/l	100
26) 2,2-Dichloropropane	7.17	77	252065	52.446	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	236638	50.119	ug/l	99
28) Bromochloromethane	7.51	49	172038	52.972	ug/l	99
29) Tetrahydrofuran	7.52	42	217279	241.625	ug/l	100
30) Chloroform	7.67	83	384326	49.855	ug/l	99
31) Cyclohexane	7.95	56	376055	48.428	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	332987	51.146	ug/l	99
36) 1,1-Dichloropropene	8.08	75	320150	51.790	ug/l	99
37) Ethyl Acetate	7.25	43	150787	50.566	ug/l	99
38) Carbon Tetrachloride	8.06	117	319737	52.015	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	409055	52.317	ug/l	98
40) Benzene	8.32	78	855036	50.645	ug/l	100
41) Methacrylonitrile	7.48	41	90059	53.678	ug/l	96
42) 1,2-Dichloroethane	8.40	62	266974	50.981	ug/l	100
43) Isopropyl Acetate	8.42	43	300938	50.612	ug/l	98
44) Trichloroethene	9.09	130	235189	50.243	ug/l	98
45) 1,2-Dichloropropane	9.37	63	212546	50.870	ug/l	97
46) Dibromomethane	9.45	93	113907	49.490	ug/l	97
47) Bromodichloromethane	9.64	83	284482	51.430	ug/l	100
48) Methyl methacrylate	9.43	41	144378	52.394	ug/l	98
49) 1,4-Dioxane	9.45	88	36540	994.581	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	779366	255.160	ug/l	100
52) Toluene	10.38	92	562841	51.677	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	303697	52.262	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	346822	52.650	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	156225	49.468	ug/l	97
56) Ethyl methacrylate	10.65	69	220173	52.503	ug/l	99
57) 1,3-Dichloropropane	10.93	76	284619	50.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	506461	251.764	ug/l	100
59) 2-Hexanone	10.97	43	567099	264.292	ug/l	100
60) Dibromochloromethane	11.13	129	191364	50.643	ug/l	100
61) 1,2-Dibromoethane	11.23	107	156418	50.304	ug/l	100
64) Tetrachloroethene	10.86	164	201886	49.433	ug/l	94
65) Chlorobenzene	11.66	112	603180	50.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	214605	51.178	ug/l	99
67) Ethyl Benzene	11.73	91	1108802	52.586	ug/l	99
68) m/p-Xylenes	11.84	106	856760	104.430	ug/l	98
69) o-Xylene	12.16	106	404287	52.133	ug/l	98
70) Styrene	12.18	104	666334	52.606	ug/l	99
71) Bromoform	12.35	173	119626	52.946	ug/l #	100
73) Isopropylbenzene	12.46	105	1146801	50.547	ug/l	100
74) N-amyl acetate	12.27	43	309904	50.513	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	193063	48.909	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	140807m	46.817	ug/l	
77) Bromobenzene	12.75	156	256061	49.099	ug/l	99
78) n-propylbenzene	12.80	91	1383889	51.337	ug/l	99
79) 2-Chlorotoluene	12.90	91	781679	51.307	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	952944	50.568	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	64920	47.713	ug/l	98
82) 4-Chlorotoluene	12.99	91	824282	51.052	ug/l	99
83) tert-Butylbenzene	13.21	119	836061	51.094	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	989073	51.066	ug/l	99
85) sec-Butylbenzene	13.38	105	1235419	51.852	ug/l	99
86) p-Isopropyltoluene	13.50	119	1095573	51.400	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	525364	49.693	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	521047	50.007	ug/l	99
89) n-Butylbenzene	13.83	91	1054357	52.054	ug/l	99
90) Hexachloroethane	14.10	117	195529	52.507	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	465457	49.692	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35431	51.653	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	331426	49.706	ug/l	99
94) Hexachlorobutadiene	15.24	225	196632	50.662	ug/l	98
95) Naphthalene	15.37	128	599774	50.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	283547	49.557	ug/l	99

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

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