

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008769.D
 Acq On : 21 Feb 2019 13:31
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW022119

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 12:25:39 PM

Quant Time: Feb 22 00:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	351933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	497468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	256570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	158653	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	7.88	113	148906	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.32	98	622908	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
62) 4-Bromofluorobenzene	12.62	95	233810	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	168759	47.877	ug/l	97
3) Chloromethane	2.21	50	226993	52.903	ug/l	100
4) Vinyl Chloride	2.35	62	258762	56.959	ug/l	99
5) Bromomethane	2.75	94	169275	50.166	ug/l	97
6) Chloroethane	2.91	64	166106	51.491	ug/l	99
7) Trichlorofluoromethane	3.26	101	271260	47.211	ug/l	97
8) Diethyl Ether	3.68	74	78639	43.231	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	163493	46.858	ug/l	99
10) Methyl Iodide	4.27	142	230834	52.906	ug/l	100
11) Tert butyl alcohol	5.16	59	64443	219.298	ug/l	98
12) 1,1-Dichloroethene	4.04	96	145115	47.094	ug/l	100
13) Acrolein	3.89	56	66660	217.825	ug/l	99
14) Allyl chloride	4.67	41	258060	48.524	ug/l	98
15) Acrylonitrile	5.36	53	175417	224.702	ug/l	98
16) Acetone	4.12	43	175775	229.741	ug/l	98
17) Carbon Disulfide	4.37	76	506105	49.503	ug/l	100
18) Methyl Acetate	4.67	43	73873	40.707	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	369660	44.322	ug/l	100
20) Methylene Chloride	4.91	84	187348	49.674	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	164201	46.067	ug/l	95
22) Diisopropyl ether	6.31	45	499787	47.110	ug/l	98
23) Vinyl Acetate	6.26	43	1528015	233.115	ug/l	99
24) 1,1-Dichloroethane	6.21	63	286126	46.543	ug/l	98
25) 2-Butanone	7.16	43	237781	222.295	ug/l	97
26) 2,2-Dichloropropane	7.16	77	271685	48.678	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	179036	46.957	ug/l	98
28) Bromochloromethane	7.51	49	115897	45.051	ug/l	98
29) Tetrahydrofuran	7.53	42	148376	217.667	ug/l	100
30) Chloroform	7.68	83	287373	45.566	ug/l	100
31) Cyclohexane	7.95	56	291941	46.914	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	272674	47.543	ug/l	99
36) 1,1-Dichloropropene	8.08	75	239732	49.506	ug/l	99
37) Ethyl Acetate	7.26	43	101429	45.042	ug/l	99
38) Carbon Tetrachloride	8.07	117	247997	48.561	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	306692	50.775	ug/l	99
40) Benzene	8.32	78	646530	48.899	ug/l	97
41) Methacrylonitrile	7.48	41	68609m	51.832	ug/l	
42) 1,2-Dichloroethane	8.40	62	193519	46.204	ug/l	99
43) Isopropyl Acetate	8.42	43	202229	44.996	ug/l	99
44) Trichloroethene	9.09	130	182094	48.889	ug/l	99
45) 1,2-Dichloropropane	9.37	63	155242	47.514	ug/l	100
46) Dibromomethane	9.46	93	82879	45.604	ug/l	98
47) Bromodichloromethane	9.65	83	208163	47.078	ug/l	98
48) Methyl methacrylate	9.44	41	102692	47.708	ug/l	96
49) 1,4-Dioxane	9.44	88	27750	953.493	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	527520	231.189	ug/l	99
52) Toluene	10.39	92	447242	49.842	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	216949	48.137	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	248058	48.259	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	113792	46.170	ug/l	96
56) Ethyl methacrylate	10.65	69	151776	47.399	ug/l	97
57) 1,3-Dichloropropane	10.93	76	204276	46.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	381702	237.012	ug/l	98
59) 2-Hexanone	10.97	43	387149	238.354	ug/l	100
60) Dibromochloromethane	11.13	129	138398	46.038	ug/l	99
61) 1,2-Dibromoethane	11.24	107	112409	46.077	ug/l	99
64) Tetrachloroethene	10.86	164	166735	49.385	ug/l	98
65) Chlorobenzene	11.66	112	490545	49.462	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	158595	47.294	ug/l	98
67) Ethyl Benzene	11.73	91	908350	51.234	ug/l	99
68) m/p-Xylenes	11.84	106	720464	101.706	ug/l	100
69) o-Xylene	12.16	106	334553	50.317	ug/l	98
70) Styrene	12.18	104	545724	51.016	ug/l	99
71) Bromoform	12.35	173	82001	45.491	ug/l #	99
73) Isopropylbenzene	12.46	105	937754	53.315	ug/l	99
74) N-amyl acetate	12.27	43	221232	49.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	130947	45.563	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	96327m	45.473	ug/l	
77) Bromobenzene	12.75	156	207948	50.030	ug/l	99
78) n-propylbenzene	12.80	91	1140998	53.032	ug/l	100
79) 2-Chlorotoluene	12.90	91	628585	51.458	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	807884	52.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42406	48.667	ug/l	99
82) 4-Chlorotoluene	12.99	91	666971	51.813	ug/l	99
83) tert-Butylbenzene	13.21	119	686675	51.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	815910	51.566	ug/l	100
85) sec-Butylbenzene	13.38	105	1004079	52.835	ug/l	100
86) p-Isopropyltoluene	13.50	119	913102	52.412	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	434744	50.413	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	423756	49.858	ug/l	99
89) n-Butylbenzene	13.83	91	880065	53.921	ug/l	99
90) Hexachloroethane	14.10	117	146587	51.398	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	376935	49.055	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24309	46.759	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	276406	49.926	ug/l	98
94) Hexachlorobutadiene	15.24	225	166044	50.917	ug/l	99
95) Naphthalene	15.37	128	458413	48.631	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	234164	48.918	ug/l	99

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

