

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006961.D
 Acq On : 19 Nov 2018 23:32
 Operator : SY/AP
 Sample : J5977-09MS
 Misc : 3.85G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-03(8-10)MS

Manual Integrations
 APPROVED

apatel
 11/20/2018 4:52:48 PM

Quant Time: Nov 20 06:06:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	96619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	150111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54328	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	53108	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.88	113	48340	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
50) Toluene-d8	10.32	98	201526	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.62	95	67239	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47504	51.353	ug/l	100
3) Chloromethane	2.21	50	42080	50.533	ug/l	97
4) Vinyl Chloride	2.36	62	38780	49.127	ug/l	97
5) Bromomethane	2.78	94	23069	54.405	ug/l	99
6) Chloroethane	2.92	64	23038	52.994	ug/l	96
7) Trichlorofluoromethane	3.26	101	76908	50.058	ug/l	98
8) Diethyl Ether	3.68	74	27735	49.886	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	44881	45.235	ug/l	97
10) Methyl Iodide	4.27	142	57738	47.240	ug/l	99
11) Tert butyl alcohol	5.20	59	17829	217.647	ug/l	98
12) 1,1-Dichloroethene	4.04	96	41892	47.060	ug/l	98
13) Acrolein	3.90	56	19638	264.384	ug/l	99
14) Allyl chloride	4.67	41	71269	45.511	ug/l	99
15) Acrylonitrile	5.38	53	57930	267.718	ug/l	98
16) Acetone	4.14	43	38929	236.363	ug/l	91
17) Carbon Disulfide	4.39	76	120904	42.932	ug/l	99
18) Methyl Acetate	4.68	43	44132	73.221	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	139555	53.479	ug/l	99
20) Methylene Chloride	4.92	84	61322	54.356	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	44211	41.635	ug/l	98
22) Diisopropyl ether	6.31	45	158968	49.734	ug/l	99
23) Vinyl Acetate	6.26	43	174303	98.476	ug/l	99
24) 1,1-Dichloroethane	6.23	63	89165	48.445	ug/l	99
25) 2-Butanone	7.18	43	70222	256.725	ug/l	97
26) 2,2-Dichloropropane	7.17	77	73757	45.928	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52460	44.434	ug/l	99
28) Bromochloromethane	7.51	49	31608	46.758	ug/l #	97
29) Tetrahydrofuran	7.53	42	48797	274.320	ug/l	99
30) Chloroform	7.68	83	91745	45.467	ug/l	99
31) Cyclohexane	7.96	56	78392	42.514	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	84035	48.376	ug/l	98
36) 1,1-Dichloropropene	8.09	75	68970	48.229	ug/l	99
37) Ethyl Acetate	7.26	43	29180	47.991	ug/l	98
38) Carbon Tetrachloride	8.07	117	70781	50.363	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	70091	39.493	ug/l	99
40) Benzene	8.32	78	203270	50.294	ug/l	99
41) Methacrylonitrile	7.49	41	20455	54.925	ug/l	95
42) 1,2-Dichloroethane	8.40	62	62154	51.370	ug/l	100
43) Isopropyl Acetate	8.43	43	59984	51.414	ug/l	100
44) Trichloroethene	9.09	130	52700	48.495	ug/l	96
45) 1,2-Dichloropropane	9.37	63	53385	52.291	ug/l	99
46) Dibromomethane	9.46	93	26493	51.242	ug/l	98
47) Bromodichloromethane	9.65	83	68604	50.392	ug/l	99
48) Methyl methacrylate	9.44	41	34169	60.693	ug/l	95
49) 1,4-Dioxane	9.47	88	9125	1164.700	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	166971	290.381	ug/l	98
52) Toluene	10.39	92	136758	50.578	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	60600	45.548	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	76393	47.980	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41140	53.966	ug/l	97
56) Ethyl methacrylate	10.65	69	44294	46.734	ug/l	97
57) 1,3-Dichloropropane	10.93	76	66856	51.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	124342	266.855	ug/l	99
59) 2-Hexanone	10.97	43	114859	298.464	ug/l	98
60) Dibromochloromethane	11.13	129	45356	52.174	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35903	50.674	ug/l	99
64) Tetrachloroethene	10.87	164	45142	53.292	ug/l	97
65) Chlorobenzene	11.66	112	139195	50.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47871	54.064	ug/l	99
67) Ethyl Benzene	11.73	91	261091	52.119	ug/l	98
68) m/p-Xylenes	11.84	106	203463	104.300	ug/l	98
69) o-Xylene	12.17	106	98886	53.409	ug/l	99
70) Styrene	12.18	104	147162	49.426	ug/l	99
71) Bromoform	12.35	173	23918	57.941	ug/l #	99
73) Isopropylbenzene	12.47	105	255571	59.401	ug/l	100
74) N-amyl acetate	12.27	43	42531	49.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43343	68.485	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33638m	77.047	ug/l	
77) Bromobenzene	12.75	156	54053	59.276	ug/l	97
78) n-propylbenzene	12.81	91	274955	53.183	ug/l	100
79) 2-Chlorotoluene	12.90	91	164490	54.290	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	209461	56.538	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	11874	61.910	ug/l	96
82) 4-Chlorotoluene	12.99	91	163162	51.077	ug/l	99
83) tert-Butylbenzene	13.21	119	180739	57.448	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	205793	55.293	ug/l	99
85) sec-Butylbenzene	13.39	105	221757	49.399	ug/l	99
86) p-Isopropyltoluene	13.51	119	197433	50.322	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	91805	49.234	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	90560	48.730	ug/l	99
89) n-Butylbenzene	13.83	91	149104	40.148	ug/l	100
90) Hexachloroethane	14.10	117	29317	45.836	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	86999	52.177	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7332	66.947	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	35717	34.046	ug/l	99
94) Hexachlorobutadiene	15.24	225	14355	25.904	ug/l	99
95) Naphthalene	15.37	128	152179	75.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	32092	35.684	ug/l	99

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

