

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007568.D
 Acq On : 15 Dec 2018 07:32
 Operator : SY/AP
 Sample : J6391-07MS
 Misc : 4.51G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:45:41 PM

Quant Time: Dec 15 20:00:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	47707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	76125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32664	61.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.44%	
35) Dibromofluoromethane	7.88	113	28504	61.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.72%	
50) Toluene-d8	10.32	98	87876	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	22653	35.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	18469	55.399	ug/l	100
3) Chloromethane	2.21	50	14450	51.754	ug/l	98
4) Vinyl Chloride	2.37	62	18949	57.832	ug/l	96
5) Bromomethane	2.78	94	7931	36.026	ug/l	87
6) Chloroethane	2.93	64	10495	58.188	ug/l	92
7) Trichlorofluoromethane	3.26	101	15696	53.283	ug/l	98
8) Diethyl Ether	3.68	74	15913	69.019	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	25049	51.534	ug/l	98
10) Methyl Iodide	4.27	142	23630	29.353	ug/l	98
11) Tert butyl alcohol	5.18	59	11367	312.713	ug/l	98
12) 1,1-Dichloroethene	4.03	96	26456	56.531	ug/l	93
14) Allyl chloride	4.67	41	30757	44.586	ug/l	100
15) Acrylonitrile	5.36	53	14550	149.699	ug/l	98
16) Acetone	4.12	43	31818	344.172	ug/l	95
17) Carbon Disulfide	4.38	76	70409	49.619	ug/l	99
18) Methyl Acetate	4.67	43	26552	105.821	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	52407	74.231	ug/l	99
20) Methylene Chloride	4.91	84	32841	66.232	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	29466	56.284	ug/l	99
22) Diisopropyl ether	6.31	45	83799	63.199	ug/l	96
23) Vinyl Acetate	6.31	43	46303	62.432	ug/l #	72
24) 1,1-Dichloroethane	6.21	63	53914	60.161	ug/l	97
25) 2-Butanone	7.17	43	33148	274.652	ug/l	94
26) 2,2-Dichloropropane	7.17	77	32309	54.475	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	32194	56.162	ug/l	98
28) Bromochloromethane	7.51	49	19878	58.970	ug/l	98
29) Tetrahydrofuran	7.52	42	26691	349.334	ug/l	97
30) Chloroform	7.68	83	56733	58.174	ug/l	97
31) Cyclohexane	7.95	56	33983	41.331	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	47403	55.428	ug/l	99
36) 1,1-Dichloropropene	8.08	75	35808	51.564	ug/l	100
37) Ethyl Acetate	7.17	43	33148	128.338	ug/l #	1
38) Carbon Tetrachloride	8.07	117	42318	56.005	ug/l	95
39) Methylcyclohexane	9.34	83	32045	38.108	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	112330	58.287	ug/l	98
41) Methacrylonitrile	7.49	41	2660m	18.085	ug/l	
42) 1,2-Dichloroethane	8.40	62	40493	66.888	ug/l	100
43) Isopropyl Acetate	8.43	43	2221	4.353	ug/l #	59
44) Trichloroethene	9.09	130	28364	51.540	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27443	61.535	ug/l	98
46) Dibromomethane	9.46	93	16865	66.591	ug/l	96
47) Bromodichloromethane	9.65	83	39156	58.942	ug/l	96
48) Methyl methacrylate	9.44	41	9915	37.840	ug/l	98
49) 1,4-Dioxane	9.45	88	5697	1386.351	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	62628	259.795	ug/l	99
52) Toluene	10.39	92	63557	50.961	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	26360	40.873	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	25906	34.747	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	21757	63.120	ug/l	96
56) Ethyl methacrylate	10.65	69	1280	3.090	ug/l #	70
57) 1,3-Dichloropropane	10.93	76	36135	63.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	39214	205.249	ug/l	99
59) 2-Hexanone	10.97	43	27088	168.517	ug/l	99
60) Dibromochloromethane	11.13	129	24464	56.239	ug/l	98
61) 1,2-Dibromoethane	11.24	107	17582	51.616	ug/l	94
64) Tetrachloroethene	10.87	164	19154	51.022	ug/l	95
65) Chlorobenzene	11.66	112	58658	53.910	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	24796	64.705	ug/l	99
67) Ethyl Benzene	11.73	91	102764	54.933	ug/l	94
68) m/p-Xylenes	11.84	106	76813	105.621	ug/l	99
69) o-Xylene	12.17	106	36528	53.781	ug/l	97
70) Styrene	12.18	104	51165	46.638	ug/l	98
71) Bromoform	12.35	173	12101	61.693	ug/l #	100
73) Isopropylbenzene	12.47	105	91233	73.123	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19223	104.024	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	15688m	116.850	ug/l	
77) Bromobenzene	12.75	156	20141	72.827	ug/l	92
78) n-propylbenzene	12.81	91	92347	65.768	ug/l	100
79) 2-Chlorotoluene	12.90	91	53114	62.516	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	68052	64.914	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	3399	55.925	ug/l	98
82) 4-Chlorotoluene	12.99	91	53808	60.082	ug/l	97
83) tert-Butylbenzene	13.21	119	61641	66.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	67243	62.331	ug/l	98
85) sec-Butylbenzene	13.39	105	72871	57.787	ug/l	96
86) p-Isopropyltoluene	13.50	119	63096	55.696	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	29084	52.746	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	29616	53.426	ug/l	97
89) n-Butylbenzene	13.83	91	44523	42.394	ug/l	98
90) Hexachloroethane	14.10	117	10544	52.309	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	26251	53.154	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3442	92.815	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	9204	27.080	ug/l	96
94) Hexachlorobutadiene	15.24	225	4908	27.216	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	26035	40.042	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	7154	24.231	ug/l	91

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

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