

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007058.D
 Acq On : 26 Nov 2018 19:48
 Operator : VAY/AP
 Sample : J6003-05MSD
 Misc : 4.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-03R-AMSD

Manual Integrations
 APPROVED

apatel
 11/27/2018 2:44:22 PM

Quant Time: Nov 27 06:52:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	144425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52304	64.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.92%	
35) Dibromofluoromethane	7.88	113	44665	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	10.33	98	178300	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.62	95	62534	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	42548	51.99	ug/l	100
3) Chloromethane	2.21	50	43508	63.80	ug/l	98
4) Vinyl Chloride	2.36	62	38893	57.96	ug/l	98
5) Bromomethane	2.78	94	23953	66.88	ug/l	96
6) Chloroethane	2.92	64	22460	60.72	ug/l	90
7) Trichlorofluoromethane	3.26	101	72324	54.81	ug/l	95
8) Diethyl Ether	3.69	74	27199	63.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	34673	40.54	ug/l	99
10) Methyl Iodide	4.28	142	60056	61.33	ug/l	98
11) Tert butyl alcohol	5.23	59	20197	382.34	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	42309	56.40	ug/l	95
13) Acrolein	3.91	56	17297	318.84	ug/l	98
14) Allyl chloride	4.67	41	73214	58.84	ug/l	99
15) Acrylonitrile	5.38	53	59260	370.86	ug/l	100
16) Acetone	4.15	43	46289	392.90	ug/l	95
17) Carbon Disulfide	4.39	76	142707	58.84	ug/l	99
18) Methyl Acetate	4.68	43	42786	101.98	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	138859	70.89	ug/l	100
20) Methylene Chloride	4.92	84	59798	65.35	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	50546	57.84	ug/l	98
22) Diisopropyl ether	6.32	45	152810	63.09	ug/l	98
23) Vinyl Acetate	6.26	43	417741	324.80	ug/l	100
24) 1,1-Dichloroethane	6.23	63	87492	59.38	ug/l	99
25) 2-Butanone	7.18	43	74511	369.26	ug/l	99
26) 2,2-Dichloropropane	7.17	77	74301	56.08	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	56275	60.47	ug/l	99
28) Bromochloromethane	7.52	49	35255	64.02	ug/l	97
29) Tetrahydrofuran	7.54	42	48319	369.74	ug/l	100
30) Chloroform	7.68	83	93619	59.81	ug/l	100
31) Cyclohexane	7.96	56	48830	31.25	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	80259	56.93	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67634	47.92	ug/l	98
37) Ethyl Acetate	7.26	43	32651	63.84	ug/l	96
38) Carbon Tetrachloride	8.07	117	65011	48.10	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31856	18.04	ug/l	96
40) Benzene	8.33	78	209176	54.91	ug/l	98
41) Methacrylonitrile	7.49	41	19627	61.80	ug/l	97
42) 1,2-Dichloroethane	8.40	62	65431	59.16	ug/l	99
43) Isopropyl Acetate	8.43	43	64894	66.58	ug/l	96
44) Trichloroethene	9.09	130	56320	52.74	ug/l	94
45) 1,2-Dichloropropane	9.37	63	51814	55.17	ug/l	98
46) Dibromomethane	9.46	93	28530	60.66	ug/l	98
47) Bromodichloromethane	9.65	83	71783	57.93	ug/l	96
48) Methyl methacrylate	9.44	41	34518	73.45	ug/l	95
49) 1,4-Dioxane	9.48	88	9025	1291.13	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	167288	339.65	ug/l	99
52) Toluene	10.39	92	133534	51.50	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	73025	60.84	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	84922	58.56	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	48012	69.39	ug/l	98
56) Ethyl methacrylate	10.65	69	59954	74.65	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70027	60.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	126599	301.64	ug/l	99
59) 2-Hexanone	10.97	43	130885	388.06	ug/l	94
60) Dibromochloromethane	11.13	129	61656	78.20	ug/l	87
61) 1,2-Dibromoethane	11.24	107	40384	63.80	ug/l	99
64) Tetrachloroethene	10.87	164	34774	43.28	ug/l	98
65) Chlorobenzene	11.66	112	142354	54.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	46810	59.37	ug/l	99
67) Ethyl Benzene	11.73	91	213851	44.66	ug/l	99
68) m/p-Xylenes	11.84	106	162980	86.75	ug/l	99
69) o-Xylene	12.17	106	81721	46.13	ug/l	99
70) Styrene	12.18	104	148571	52.70	ug/l	99
71) Bromoform	12.35	173	27224	73.29	ug/l #	99
73) Isopropylbenzene	12.47	105	251557	71.46	ug/l	99
74) N-amyl acetate	12.27	43	71984	122.01	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.72	83	52171	111.36	ug/l	88
76) 1,2,3-Trichloropropane	12.77	75	27396m	76.97	ug/l	
77) Bromobenzene	12.75	156	53936	71.33	ug/l	97
78) n-propylbenzene	12.81	91	310957	72.92	ug/l	100
79) 2-Chlorotoluene	12.90	91	124799	50.76	ug/l	85
80) 1,3,5-Trimethylbenzene	12.95	105	112515	36.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16474	116.20	ug/l #	86
82) 4-Chlorotoluene	12.99	91	134629	52.18	ug/l	95
83) tert-Butylbenzene	13.21	119	89707	34.04	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	122854	40.51	ug/l	98
85) sec-Butylbenzene	13.39	105	230107	61.80	ug/l	91
86) p-Isopropyltoluene	13.51	119	74361	22.64	ug/l	94
87) 1,3-Dichlorobenzene	13.50	146	73704	47.75	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	75763	49.23	ug/l	96
89) n-Butylbenzene	13.83	91	130153	42.10	ug/l	88
90) Hexachloroethane	14.10	117	61195	127.60	ug/l #	31
91) 1,2-Dichlorobenzene	13.87	146	73272	54.17	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8401	106.17	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	20974	23.52	ug/l #	1
94) Hexachlorobutadiene	15.25	225	3372	6.95	ug/l	99
95) Naphthalene	15.38	128	103604	63.99	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.57	180	22810	30.83	ug/l #	1

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

