

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004590.D
 Acq On : 10 Aug 2018 12:14
 Operator : SY/AP
 Sample : VW0813SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBSD01

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:57:14 PM

Quant Time: Aug 11 01:32:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	719971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1106318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1031369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	547693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	358072	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	7.88	113	357394	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.33	98	1446046	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	512139	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	104200	21.09	ug/l	99
3) Chloromethane	2.22	50	136393	19.81	ug/l	100
4) Vinyl Chloride	2.37	62	200812	20.88	ug/l	97
5) Bromomethane	2.78	94	114709	20.49	ug/l	97
6) Chloroethane	2.93	64	118625	20.65	ug/l	95
7) Trichlorofluoromethane	3.26	101	96865	27.27	ug/l	94
8) Diethyl Ether	3.68	74	81398	18.12	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	160360	20.44	ug/l	99
10) Methyl Iodide	4.26	142	233072	19.80	ug/l	100
11) Tert butyl alcohol	5.21	59	36418	78.04	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	156424	19.81	ug/l	99
13) Acrolein	3.90	56	51354	89.82	ug/l	100
14) Allyl chloride	4.67	41	235978	19.89	ug/l	99
15) Acrylonitrile	5.37	53	160565	80.42	ug/l	99
16) Acetone	4.14	43	190689	95.81	ug/l	99
17) Carbon Disulfide	4.37	76	516303	20.35	ug/l	98
18) Methyl Acetate	4.68	43	73554	14.82	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	182948	16.99	ug/l	100
20) Methylene Chloride	4.91	84	213191	15.89	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	164681	19.35	ug/l	99
22) Diisopropyl ether	6.32	45	476538	19.55	ug/l	100
23) Vinyl Acetate	6.26	43	1233284	84.18	ug/l	100
24) 1,1-Dichloroethane	6.21	63	300842	19.28	ug/l	98
25) 2-Butanone	7.18	43	249295	77.87	ug/l	98
26) 2,2-Dichloropropane	7.17	77	178288	21.77	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	175886	19.21	ug/l	99
28) Bromochloromethane	7.52	49	125816	18.53	ug/l	99
29) Tetrahydrofuran	7.54	42	122425	73.97	ug/l	98
30) Chloroform	7.68	83	290416	18.95	ug/l	99
31) Cyclohexane	7.96	56	296646	19.87	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	235201	20.43	ug/l	98
36) 1,1-Dichloropropene	8.09	75	241808	20.30	ug/l	99
37) Ethyl Acetate	7.26	43	87624	15.71	ug/l	97
38) Carbon Tetrachloride	8.07	117	218376	20.37	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	296352	20.30	ug/l	98
40) Benzene	8.33	78	686497	19.63	ug/l	98
41) Methacrylonitrile	7.49	41	52834	16.96	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	173475	17.92	ug/l	100
43) Isopropyl Acetate	8.43	43	153740	15.81	ug/l	97
44) Trichloroethene	9.09	130	167772	19.52	ug/l	95
45) 1,2-Dichloropropane	9.37	63	168800	19.27	ug/l	100
46) Dibromomethane	9.46	93	78402	17.58	ug/l	100
47) Bromodichloromethane	9.65	83	192634	18.30	ug/l	98
48) Methyl methacrylate	9.44	41	72644	15.98	ug/l	100
49) 1,4-Dioxane	9.48	88	23298	342.43	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	523349	77.31	ug/l	99
52) Toluene	10.39	92	412753	20.01	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	189786	17.96	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	229354	18.62	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	112528	17.60	ug/l	99
56) Ethyl methacrylate	10.65	69	124779	16.31	ug/l	100
57) 1,3-Dichloropropane	10.94	76	198459	18.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	322805	85.53	ug/l	99
59) 2-Hexanone	10.98	43	359888	78.42	ug/l	98
60) Dibromochloromethane	11.13	129	122446	17.61	ug/l	99
61) 1,2-Dibromoethane	11.24	107	104621	17.42	ug/l	99
64) Tetrachloroethene	10.87	164	141638	19.69	ug/l	98
65) Chlorobenzene	11.66	112	448934	19.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	148436	19.18	ug/l	98
67) Ethyl Benzene	11.74	91	777960	20.19	ug/l	99
68) m/p-Xylenes	11.85	106	605867	40.69	ug/l	100
69) o-Xylene	12.17	106	273248	19.79	ug/l	99
70) Styrene	12.19	104	466733	20.00	ug/l	100
71) Bromoform	12.35	173	72056	16.94	ug/l #	99
73) Isopropylbenzene	12.47	105	778289	20.54	ug/l	100
74) N-amyl acetate	12.28	43	143711	15.64	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	134140	16.96	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	108793m	19.20	ug/l	
77) Bromobenzene	12.76	156	178209	19.44	ug/l	97
78) n-propylbenzene	12.81	91	983295	21.03	ug/l	100
79) 2-Chlorotoluene	12.90	91	553609	20.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	675560	20.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	38333	16.19	ug/l	97
82) 4-Chlorotoluene	12.99	91	575805	20.06	ug/l	98
83) tert-Butylbenzene	13.21	119	559299	20.63	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	696195	20.81	ug/l	100
85) sec-Butylbenzene	13.39	105	858646	21.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	744801	21.02	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	372731	19.74	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	370667	19.72	ug/l	99
89) n-Butylbenzene	13.83	91	723857	20.79	ug/l	99
90) Hexachloroethane	14.10	117	130955	19.97	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	329237	19.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20295	15.71	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	228002	19.22	ug/l	99
94) Hexachlorobutadiene	15.24	225	143375	20.76	ug/l	99
95) Naphthalene	15.38	128	367062	17.03	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	198451	18.62	ug/l	98

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

