

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004568.D
 Acq On : 09 Aug 2018 23:26
 Operator : SY/AP
 Sample : VW0812SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Manual Integrations
 APPROVED

apatel
 8/10/2018 11:49:33 AM

Quant Time: Aug 10 05:26:12 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	648648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1029605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	998911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	529179	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	353037	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.88	113	344929	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.33	98	1369370	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.62	95	491729	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91258	20.50	ug/l	99
3) Chloromethane	2.22	50	121783	19.64	ug/l	98
4) Vinyl Chloride	2.37	62	181427	20.94	ug/l	98
5) Bromomethane	2.78	94	106477	21.11	ug/l	95
6) Chloroethane	2.92	64	107930	20.85	ug/l	95
7) Trichlorofluoromethane	3.26	101	75308	23.54	ug/l	99
8) Diethyl Ether	3.68	74	79808	19.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145688	20.61	ug/l	98
10) Methyl Iodide	4.27	142	218141	20.57	ug/l	98
11) Tert butyl alcohol	5.20	59	36225	86.16	ug/l	100
12) 1,1-Dichloroethene	4.04	96	142561	20.04	ug/l	98
13) Acrolein	3.89	56	46468	90.21	ug/l	96
14) Allyl chloride	4.67	41	222822	20.85	ug/l	99
15) Acrylonitrile	5.37	53	167563	93.16	ug/l	99
16) Acetone	4.13	43	172259	96.06	ug/l	100
17) Carbon Disulfide	4.38	76	474193	20.74	ug/l	100
18) Methyl Acetate	4.67	43	80801	18.07	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	178881	18.44	ug/l	98
20) Methylene Chloride	4.91	84	194661	16.24	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	153899	20.08	ug/l	99
22) Diisopropyl ether	6.31	45	463697	21.11	ug/l	96
23) Vinyl Acetate	6.26	43	1214320	92.00	ug/l	99
24) 1,1-Dichloroethane	6.21	63	286351	20.37	ug/l	99
25) 2-Butanone	7.18	43	252394	87.50	ug/l	100
26) 2,2-Dichloropropane	7.17	77	146720	19.89	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	167005	20.25	ug/l	99
28) Bromochloromethane	7.51	49	127069	20.78	ug/l	100
29) Tetrahydrofuran	7.54	42	127833	85.73	ug/l	100
30) Chloroform	7.68	83	284902	20.63	ug/l	99
31) Cyclohexane	7.96	56	260779	19.39	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	214110	20.64	ug/l	99
36) 1,1-Dichloropropene	8.09	75	219256	19.78	ug/l	99
37) Ethyl Acetate	7.26	43	90003	17.33	ug/l	99
38) Carbon Tetrachloride	8.07	117	200349	20.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	258082	18.99	ug/l	99
40) Benzene	8.32	78	658511	20.23	ug/l	98
41) Methacrylonitrile	7.49	41	49990	17.24	ug/l	97
42) 1,2-Dichloroethane	8.40	62	176959	19.65	ug/l	100
43) Isopropyl Acetate	8.43	43	158285	17.49	ug/l	98
44) Trichloroethene	9.09	130	159754	19.97	ug/l	100
45) 1,2-Dichloropropane	9.37	63	165372	20.28	ug/l	99
46) Dibromomethane	9.46	93	81134	19.55	ug/l	99
47) Bromodichloromethane	9.65	83	190954	19.49	ug/l	98
48) Methyl methacrylate	9.44	41	76978	18.20	ug/l	99
49) 1,4-Dioxane	9.46	88	22431	354.26	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	558599	88.67	ug/l	99
52) Toluene	10.39	92	400498	20.86	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	186882	19.00	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	225377	19.66	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	116138	19.52	ug/l	100
56) Ethyl methacrylate	10.65	69	126940	17.82	ug/l	100
57) 1,3-Dichloropropane	10.93	76	200370	19.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	334835	94.31	ug/l	100
59) 2-Hexanone	10.98	43	374775	87.74	ug/l	97
60) Dibromochloromethane	11.13	129	128984	19.94	ug/l	97
61) 1,2-Dibromoethane	11.24	107	108039	19.33	ug/l	100
64) Tetrachloroethene	10.87	164	143618	20.61	ug/l	95
65) Chlorobenzene	11.66	112	442871	20.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	146240	19.51	ug/l	99
67) Ethyl Benzene	11.74	91	738216	19.78	ug/l	99
68) m/p-Xylenes	11.85	106	584471	40.53	ug/l	99
69) o-Xylene	12.17	106	267924	20.03	ug/l	100
70) Styrene	12.19	104	458477	20.29	ug/l	99
71) Bromoform	12.35	173	74583	18.10	ug/l #	100
73) Isopropylbenzene	12.47	105	726619	19.85	ug/l	100
74) N-amyl acetate	12.28	43	152452	17.18	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	141319	18.50	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92103m	16.82	ug/l	
77) Bromobenzene	12.75	156	177417	20.03	ug/l	99
78) n-propylbenzene	12.81	91	920396	20.38	ug/l	100
79) 2-Chlorotoluene	12.90	91	532536	20.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	651901	20.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38082	16.65	ug/l	94
82) 4-Chlorotoluene	12.99	91	569986	20.55	ug/l	100
83) tert-Butylbenzene	13.21	119	523530	19.99	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	667644	20.66	ug/l	100
85) sec-Butylbenzene	13.39	105	796131	20.15	ug/l	99
86) p-Isopropyltoluene	13.51	119	696409	20.34	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	369297	20.24	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	364786	20.08	ug/l	99
89) n-Butylbenzene	13.83	91	661626	19.67	ug/l	99
90) Hexachloroethane	14.10	117	123826	19.55	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	333583	20.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21318	17.07	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	221338	19.31	ug/l	99
94) Hexachlorobutadiene	15.24	225	133229	19.96	ug/l	99
95) Naphthalene	15.38	128	373314	17.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	201106	19.53	ug/l	99

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

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