

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004504.D
 Acq On : 07 Aug 2018 20:45
 Operator : SY/AP
 Sample : VW0808SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Manual Integrations
 APPROVED

apatel
 8/8/2018 2:24:36 PM

Quant Time: Aug 08 08:51:35 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	669233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1086808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1045421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	561968	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	396590	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.88	113	369458	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.33	98	1439757	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	528644	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	89188	19.42	ug/l	95
3) Chloromethane	2.22	50	124414	19.44	ug/l	99
4) Vinyl Chloride	2.37	62	185257	20.73	ug/l	96
5) Bromomethane	2.78	94	112658	21.65	ug/l	92
6) Chloroethane	2.93	64	113710	21.29	ug/l	98
7) Trichlorofluoromethane	3.25	101	67443	20.43	ug/l	95
8) Diethyl Ether	3.67	74	89309	21.39	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146555	20.10	ug/l	99
10) Methyl Iodide	4.26	142	232648	21.27	ug/l	100
11) Tert butyl alcohol	5.24	59	42055	96.95	ug/l	97
12) 1,1-Dichloroethene	4.04	96	148441	20.23	ug/l	99
13) Acrolein	3.90	56	59469	111.90	ug/l	98
14) Allyl chloride	4.66	41	230209	20.88	ug/l	100
15) Acrylonitrile	5.38	53	196404	105.83	ug/l	99
16) Acetone	4.15	43	201223	108.76	ug/l	99
17) Carbon Disulfide	4.38	76	481792	20.43	ug/l	100
18) Methyl Acetate	4.68	43	92970	20.15	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	208327	20.81	ug/l	99
20) Methylene Chloride	4.92	84	247848	22.57	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	161214	20.38	ug/l	98
22) Diisopropyl ether	6.31	45	503913	22.24	ug/l	96
23) Vinyl Acetate	6.26	43	1412876	103.75	ug/l	99
24) 1,1-Dichloroethane	6.21	63	303984	20.96	ug/l	100
25) 2-Butanone	7.18	43	301881	101.44	ug/l	98
26) 2,2-Dichloropropane	7.17	77	151702	19.93	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	176835	20.78	ug/l	99
28) Bromochloromethane	7.51	49	135934	21.54	ug/l	100
29) Tetrahydrofuran	7.54	42	155239	100.90	ug/l	98
30) Chloroform	7.68	83	303222	21.29	ug/l	98
31) Cyclohexane	7.96	56	265896	19.16	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	217671	20.34	ug/l	99
36) 1,1-Dichloropropene	8.09	75	228047	19.49	ug/l	100
37) Ethyl Acetate	7.26	43	109217	19.93	ug/l	98
38) Carbon Tetrachloride	8.07	117	201674	19.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256460	17.88	ug/l	97
40) Benzene	8.32	78	688683	20.04	ug/l	100
41) Methacrylonitrile	7.49	41	62726	20.49	ug/l	95
42) 1,2-Dichloroethane	8.40	62	195383	20.55	ug/l	99
43) Isopropyl Acetate	8.43	43	188417	19.72	ug/l	100
44) Trichloroethene	9.09	130	162924	19.29	ug/l	100
45) 1,2-Dichloropropane	9.37	63	174148	20.24	ug/l	99
46) Dibromomethane	9.46	93	89393	20.41	ug/l	99
47) Bromodichloromethane	9.65	83	206240	19.94	ug/l	99
48) Methyl methacrylate	9.44	41	89384	20.02	ug/l	99
49) 1,4-Dioxane	9.49	88	26702	399.51	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	664972	100.00	ug/l	99
52) Toluene	10.39	92	413231	20.39	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	204261	19.67	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	241582	19.96	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	128246	20.42	ug/l	98
56) Ethyl methacrylate	10.65	69	144822	19.26	ug/l	99
57) 1,3-Dichloropropane	10.93	76	220657	20.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	382037	101.21	ug/l	100
59) 2-Hexanone	10.98	43	445427	98.80	ug/l	98
60) Dibromochloromethane	11.13	129	135193	19.80	ug/l	99
61) 1,2-Dibromoethane	11.24	107	120638	20.45	ug/l	98
64) Tetrachloroethene	10.87	164	140894	19.32	ug/l	98
65) Chlorobenzene	11.66	112	453139	19.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	153081	19.52	ug/l	100
67) Ethyl Benzene	11.74	91	749585	19.19	ug/l	100
68) m/p-Xylenes	11.85	106	595375	39.45	ug/l	100
69) o-Xylene	12.17	106	277695	19.84	ug/l	99
70) Styrene	12.18	104	474483	20.06	ug/l	99
71) Bromoform	12.35	173	83871	19.45	ug/l #	98
73) Isopropylbenzene	12.47	105	732204	18.84	ug/l	100
74) N-amyl acetate	12.28	43	179932	19.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	160824	19.82	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	130982m	22.52	ug/l	
77) Bromobenzene	12.75	156	188201	20.01	ug/l	100
78) n-propylbenzene	12.81	91	929563	19.38	ug/l	99
79) 2-Chlorotoluene	12.90	91	545374	19.65	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	652552	19.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	44213	18.20	ug/l	95
82) 4-Chlorotoluene	12.99	91	590127	20.03	ug/l	99
83) tert-Butylbenzene	13.21	119	527032	18.95	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	683853	19.92	ug/l	99
85) sec-Butylbenzene	13.39	105	796052	18.97	ug/l	99
86) p-Isopropyltoluene	13.51	119	697880	19.19	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	379413	19.58	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	382803	19.84	ug/l	99
89) n-Butylbenzene	13.83	91	668691	18.72	ug/l	99
90) Hexachloroethane	14.10	117	125691	18.68	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	349384	19.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25164	18.98	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	238563	19.60	ug/l	99
94) Hexachlorobutadiene	15.24	225	131699	18.58	ug/l	98
95) Naphthalene	15.38	128	431588	19.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	218706	20.00	ug/l	99

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

