

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005503.D
 Acq On : 19 Sep 2018 03:40
 Operator : SY/AP
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Manual Integrations
 APPROVED

apatel
 9/19/2018 3:44:58 PM

Quant Time: Sep 19 07:02:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	310117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	476309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	453309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224056	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	164147	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.89	113	130670	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.33	98	621789	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.63	95	230526	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	65154	22.35	ug/l	97
3) Chloromethane	2.21	50	88926	24.29	ug/l	100
4) Vinyl Chloride	2.35	62	77125	22.49	ug/l	99
5) Bromomethane	2.76	94	48248	19.73	ug/l	99
6) Chloroethane	2.92	64	43008	21.16	ug/l	92
7) Trichlorofluoromethane	3.26	101	94890	20.89	ug/l	97
8) Diethyl Ether	3.69	74	33569	24.86	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	59543	22.47	ug/l	95
10) Methyl Iodide	4.28	142	53568	18.66	ug/l	96
11) Tert butyl alcohol	5.19	59	28042	135.75	ug/l	94
12) 1,1-Dichloroethene	4.04	96	54885	22.87	ug/l	96
13) Acrolein	3.90	56	19527	139.14	ug/l	99
14) Allyl chloride	4.68	41	112491	25.20	ug/l	93
15) Acrylonitrile	5.38	53	81196	131.48	ug/l	98
16) Acetone	4.13	43	63724	128.93	ug/l	94
17) Carbon Disulfide	4.38	76	185366	21.93	ug/l	100
18) Methyl Acetate	4.68	43	40458	26.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	156330	24.00	ug/l	97
20) Methylene Chloride	4.93	84	83702	23.12	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	65137	22.73	ug/l	91
22) Diisopropyl ether	6.32	45	233627	26.62	ug/l	96
23) Vinyl Acetate	6.26	43	661946	132.36	ug/l	98
24) 1,1-Dichloroethane	6.23	63	123871	23.26	ug/l	100
25) 2-Butanone	7.18	43	104333	134.74	ug/l	95
26) 2,2-Dichloropropane	7.17	77	99112	20.75	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	71058	22.80	ug/l	98
28) Bromochloromethane	7.52	49	49666	23.98	ug/l #	88
29) Tetrahydrofuran	7.54	42	69959	141.82	ug/l	94
30) Chloroform	7.68	83	122016	22.12	ug/l	99
31) Cyclohexane	7.96	56	127105	24.74	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	110522	21.55	ug/l	98
36) 1,1-Dichloropropene	8.09	75	100671	22.33	ug/l	98
37) Ethyl Acetate	7.26	43	48516	26.47	ug/l	97
38) Carbon Tetrachloride	8.07	117	94323	20.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	116089	22.16	ug/l	99
40) Benzene	8.34	78	286614	21.95	ug/l	99
41) Methacrylonitrile	7.49	41	29892	27.03	ug/l	97
42) 1,2-Dichloroethane	8.41	62	85133	20.83	ug/l	97
43) Isopropyl Acetate	8.43	43	89467	25.01	ug/l	98
44) Trichloroethene	9.10	130	71046	21.14	ug/l	98
45) 1,2-Dichloropropane	9.38	63	74224	23.79	ug/l	100
46) Dibromomethane	9.46	93	34128	22.24	ug/l	98
47) Bromodichloromethane	9.65	83	90900	21.86	ug/l	96
48) Methyl methacrylate	9.45	41	44608	24.98	ug/l	97
49) 1,4-Dioxane	9.46	88	11861	463.70	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	235869	128.07	ug/l	99
52) Toluene	10.40	92	192711	21.79	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	87465	21.02	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	106391	22.58	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	50767	22.26	ug/l	95
56) Ethyl methacrylate	10.65	69	67233	23.29	ug/l	98
57) 1,3-Dichloropropane	10.94	76	89892	22.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157832	120.87	ug/l	96
59) 2-Hexanone	10.98	43	157651	125.67	ug/l	98
60) Dibromochloromethane	11.13	129	55982	20.40	ug/l	100
61) 1,2-Dibromoethane	11.24	107	45307	22.15	ug/l	98
64) Tetrachloroethene	10.87	164	71644	21.38	ug/l	97
65) Chlorobenzene	11.66	112	204015	21.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	62987	20.48	ug/l	98
67) Ethyl Benzene	11.74	91	365885	21.63	ug/l	100
68) m/p-Xylenes	11.85	106	279401	42.91	ug/l	99
69) o-Xylene	12.18	106	129993	21.44	ug/l	99
70) Styrene	12.19	104	212964	21.28	ug/l	100
71) Bromoform	12.35	173	32749	20.13	ug/l #	99
73) Isopropylbenzene	12.47	105	354176	22.53	ug/l	100
74) N-amyl acetate	12.28	43	84218	25.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	57319	25.00	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	42174m	22.89	ug/l	
77) Bromobenzene	12.76	156	80417	21.64	ug/l	93
78) n-propylbenzene	12.81	91	433955	22.87	ug/l	99
79) 2-Chlorotoluene	12.90	91	253063	22.61	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	302183	22.03	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	16407	23.10	ug/l	97
82) 4-Chlorotoluene	13.00	91	264454	22.38	ug/l	99
83) tert-Butylbenzene	13.21	119	258064	22.65	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	306478	22.01	ug/l	99
85) sec-Butylbenzene	13.39	105	364771	22.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	320323	21.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	161863	21.48	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	157848	21.27	ug/l	98
89) n-Butylbenzene	13.83	91	303594	22.15	ug/l	99
90) Hexachloroethane	14.10	117	53550	21.23	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	141496	21.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9664	21.94	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	89357	20.33	ug/l	98
94) Hexachlorobutadiene	15.24	225	58290	20.31	ug/l	99
95) Naphthalene	15.38	128	154164	21.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75825	19.77	ug/l	99

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

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