

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005451.D
 Acq On : 18 Sep 2018 01:12
 Operator : SY/AP
 Sample : VW0917SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Manual Integrations
 APPROVED

apatel
 9/18/2018 2:43:43 PM

Quant Time: Sep 18 02:21:08 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	259436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	381740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137355	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	7.89	113	112537	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.33	98	526548	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.62	95	196202	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	57069	23.63	ug/l	97
3) Chloromethane	2.21	50	72792	23.77	ug/l	97
4) Vinyl Chloride	2.35	62	63174	22.02	ug/l	100
5) Bromomethane	2.78	94	40577	19.87	ug/l	98
6) Chloroethane	2.92	64	35756	21.03	ug/l	98
7) Trichlorofluoromethane	3.26	101	76014	20.00	ug/l	94
8) Diethyl Ether	3.69	74	25572	22.64	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	46723	21.08	ug/l	100
10) Methyl Iodide	4.28	142	48200	19.76	ug/l	98
11) Tert butyl alcohol	5.22	59	16200	87.20	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	42746	21.30	ug/l	94
13) Acrolein	3.91	56	14771	125.25	ug/l	91
14) Allyl chloride	4.68	41	84707	22.68	ug/l	95
15) Acrylonitrile	5.38	53	54422	105.34	ug/l	98
16) Acetone	4.15	43	41151	95.10	ug/l	100
17) Carbon Disulfide	4.38	76	146131	20.67	ug/l	99
18) Methyl Acetate	4.68	43	26811	20.72	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	120498	22.11	ug/l	98
20) Methylene Chloride	4.92	84	67598	22.10	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	52818	22.03	ug/l	96
22) Diisopropyl ether	6.32	45	172939	23.55	ug/l	96
23) Vinyl Acetate	6.26	43	478605	114.40	ug/l	99
24) 1,1-Dichloroethane	6.23	63	99198	22.26	ug/l	99
25) 2-Butanone	7.19	43	68319	105.46	ug/l	92
26) 2,2-Dichloropropane	7.18	77	83461	20.88	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	57751	22.15	ug/l	99
28) Bromochloromethane	7.52	49	38584	22.26	ug/l #	94
29) Tetrahydrofuran	7.54	42	44299	107.34	ug/l	98
30) Chloroform	7.68	83	99422	21.55	ug/l	99
31) Cyclohexane	7.96	56	96523	22.46	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	92234	21.50	ug/l	98
36) 1,1-Dichloropropene	8.09	75	79770	21.31	ug/l	99
37) Ethyl Acetate	7.26	43	32534	21.37	ug/l	99
38) Carbon Tetrachloride	8.07	117	80203	20.56	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93992	21.61	ug/l	99
40) Benzene	8.33	78	230477	21.26	ug/l	100
41) Methacrylonitrile	7.49	41	19585	21.33	ug/l	97
42) 1,2-Dichloroethane	8.41	62	68993	20.33	ug/l	98
43) Isopropyl Acetate	8.43	43	63676	21.43	ug/l	98
44) Trichloroethene	9.10	130	59097	21.18	ug/l	97
45) 1,2-Dichloropropane	9.38	63	58470	22.57	ug/l	99
46) Dibromomethane	9.46	93	27207	21.35	ug/l	99
47) Bromodichloromethane	9.65	83	75581	21.89	ug/l	99
48) Methyl methacrylate	9.45	41	30745	20.74	ug/l	95
49) 1,4-Dioxane	9.48	88	9538	449.05	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	160889	105.21	ug/l	99
52) Toluene	10.40	92	158129	21.53	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71475	20.68	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	86207	22.03	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39330	20.76	ug/l	98
56) Ethyl methacrylate	10.65	69	50286	20.98	ug/l	98
57) 1,3-Dichloropropane	10.94	76	69350	21.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	117362	108.24	ug/l	98
59) 2-Hexanone	10.98	43	107175	102.88	ug/l	100
60) Dibromochloromethane	11.13	129	46057	20.21	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34914	20.55	ug/l	100
64) Tetrachloroethene	10.87	164	59395	21.05	ug/l	98
65) Chlorobenzene	11.66	112	168340	20.78	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	53267	20.57	ug/l	98
67) Ethyl Benzene	11.74	91	304410	21.37	ug/l	99
68) m/p-Xylenes	11.85	106	234053	42.68	ug/l	99
69) o-Xylene	12.17	106	109201	21.39	ug/l	99
70) Styrene	12.19	104	181830	21.58	ug/l	100
71) Bromoform	12.35	173	27808	20.30	ug/l #	97
73) Isopropylbenzene	12.47	105	301786	21.91	ug/l	100
74) N-amyl acetate	12.28	43	62977	21.70	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43057	21.43	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30776m	19.06	ug/l	
77) Bromobenzene	12.76	156	69914	21.47	ug/l	99
78) n-propylbenzene	12.81	91	371732	22.36	ug/l	100
79) 2-Chlorotoluene	12.90	91	215877	22.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	264481	22.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12655	20.33	ug/l	99
82) 4-Chlorotoluene	12.99	91	225671	21.80	ug/l	99
83) tert-Butylbenzene	13.21	119	218173	21.86	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	267535	21.93	ug/l	100
85) sec-Butylbenzene	13.39	105	319500	22.15	ug/l	99
86) p-Isopropyltoluene	13.51	119	281512	21.82	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	140757	21.31	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	139032	21.38	ug/l	98
89) n-Butylbenzene	13.83	91	264391	22.01	ug/l	99
90) Hexachloroethane	14.10	117	45982	20.80	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	123834	21.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7704	19.96	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	80951	21.02	ug/l	100
94) Hexachlorobutadiene	15.25	225	53567	21.30	ug/l	99
95) Naphthalene	15.38	128	128852	20.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69746	20.75	ug/l	100

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

