

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005410.D
 Acq On : 15 Sep 2018 03:55
 Operator : SY/AP
 Sample : VW0916SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:24:21 PM

Quant Time: Sep 15 04:47:53 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	233336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	338235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117451	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.89	113	93343	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.33	98	433363	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.63	95	156941	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49780	22.77	ug/l	99
3) Chloromethane	2.21	50	58492	21.24	ug/l	100
4) Vinyl Chloride	2.36	62	54991	21.31	ug/l	99
5) Bromomethane	2.76	94	38152	21.05	ug/l	98
6) Chloroethane	2.92	64	32030	20.95	ug/l	100
7) Trichlorofluoromethane	3.26	101	71386	20.88	ug/l	100
8) Diethyl Ether	3.69	74	22476	22.13	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42143	21.14	ug/l	100
10) Methyl Iodide	4.28	142	50906	22.50	ug/l	98
11) Tert butyl alcohol	5.17	59	19665	125.08	ug/l	95
12) 1,1-Dichloroethene	4.04	96	37965	21.03	ug/l	92
13) Acrolein	3.90	56	13154	123.95	ug/l	97
14) Allyl chloride	4.68	41	71016	21.14	ug/l	98
15) Acrylonitrile	5.38	53	48925	105.29	ug/l	100
16) Acetone	4.13	43	39917	104.09	ug/l	95
17) Carbon Disulfide	4.38	76	130769	20.56	ug/l	98
18) Methyl Acetate	4.68	43	23440	20.14	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	106984	21.82	ug/l	95
20) Methylene Chloride	4.92	84	58273	20.91	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	46555	21.59	ug/l	94
22) Diisopropyl ether	6.32	45	142519	21.58	ug/l	99
23) Vinyl Acetate	6.26	43	404306	107.45	ug/l	98
24) 1,1-Dichloroethane	6.23	63	85542	21.35	ug/l	99
25) 2-Butanone	7.18	43	62182	106.73	ug/l	97
26) 2,2-Dichloropropane	7.18	77	74098	20.61	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	50234	21.42	ug/l	99
28) Bromochloromethane	7.52	49	30388	19.50	ug/l	99
29) Tetrahydrofuran	7.54	42	39745	107.08	ug/l	99
30) Chloroform	7.68	83	86669	20.89	ug/l	98
31) Cyclohexane	7.96	56	81541	21.09	ug/l	# 95
32) 1,1,1-Trichloroethane	7.88	97	82759	21.45	ug/l	99
36) 1,1-Dichloropropene	8.09	75	70176	21.06	ug/l	99
37) Ethyl Acetate	7.26	43	28499	21.03	ug/l	97
38) Carbon Tetrachloride	8.08	117	72079	20.76	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79292	20.48	ug/l	97
40) Benzene	8.33	78	199421	20.66	ug/l	99
41) Methacrylonitrile	7.49	41	18253	22.33	ug/l	98
42) 1,2-Dichloroethane	8.41	62	62907	20.82	ug/l	99
43) Isopropyl Acetate	8.43	43	53966	20.41	ug/l	98
44) Trichloroethene	9.10	130	52106	20.97	ug/l	100
45) 1,2-Dichloropropane	9.37	63	47777	20.72	ug/l	96
46) Dibromomethane	9.46	93	23645	20.84	ug/l	98
47) Bromodichloromethane	9.65	83	65314	21.25	ug/l	99
48) Methyl methacrylate	9.45	41	26605	20.16	ug/l	95
49) 1,4-Dioxane	9.46	88	8092	427.99	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	136507	100.28	ug/l	99
52) Toluene	10.40	92	136248	20.84	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	62420	20.29	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72419	20.79	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33791	20.04	ug/l	99
56) Ethyl methacrylate	10.65	69	43528	20.40	ug/l	97
57) 1,3-Dichloropropane	10.94	76	60057	20.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	99897	103.50	ug/l	99
59) 2-Hexanone	10.98	43	92559	99.82	ug/l	99
60) Dibromochloromethane	11.13	129	41633	20.52	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30410	20.11	ug/l	97
64) Tetrachloroethene	10.87	164	52642	21.06	ug/l	96
65) Chlorobenzene	11.66	112	146631	20.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	47292	20.61	ug/l	98
67) Ethyl Benzene	11.74	91	262161	20.77	ug/l	100
68) m/p-Xylenes	11.85	106	203523	41.89	ug/l	99
69) o-Xylene	12.18	106	95060	21.01	ug/l	98
70) Styrene	12.19	104	155798	20.87	ug/l	100
71) Bromoform	12.35	173	24578	20.25	ug/l #	99
73) Isopropylbenzene	12.47	105	260337	21.56	ug/l	100
74) N-amyl acetate	12.28	43	51137	20.10	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36361	20.64	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	27053m	19.11	ug/l	
77) Bromobenzene	12.76	156	59796	20.95	ug/l	99
78) n-propylbenzene	12.81	91	312365	21.44	ug/l	100
79) 2-Chlorotoluene	12.90	91	183647	21.36	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	226273	21.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11138	20.41	ug/l	97
82) 4-Chlorotoluene	12.99	91	192025	21.16	ug/l	100
83) tert-Butylbenzene	13.21	119	194277	22.20	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	227958	21.31	ug/l	98
85) sec-Butylbenzene	13.39	105	270090	21.36	ug/l	100
86) p-Isopropyltoluene	13.51	119	238913	21.13	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	120588	20.83	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	116830	20.49	ug/l	97
89) n-Butylbenzene	13.83	91	215929	20.51	ug/l	100
90) Hexachloroethane	14.10	117	40281	20.79	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	103015	20.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6937	20.51	ug/l	92

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QLast Update : Sat Sep 15 02:32:34 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	68338	20.24	ug/l	100
94) Hexachlorobutadiene	15.25	225	46315	21.01	ug/l	98
95) Naphthalene	15.38	128	110056	19.57	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	59461	20.18	ug/l	99

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

