

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005502.D
 Acq On : 19 Sep 2018 03:14
 Operator : SY/AP
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Manual Integrations
 APPROVED

apatel
 9/19/2018 3:44:54 PM

Quant Time: Sep 19 07:01:27 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	291325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	454516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	442167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	221743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154644	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.89	113	125736	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.33	98	609325	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.63	95	223819	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	59573	21.63	ug/l	99
3) Chloromethane	2.21	50	86266	25.09	ug/l	99
4) Vinyl Chloride	2.36	62	73881	22.94	ug/l	97
5) Bromomethane	2.76	94	48932	21.80	ug/l	99
6) Chloroethane	2.92	64	41067	21.51	ug/l	100
7) Trichlorofluoromethane	3.26	101	85370	20.00	ug/l	97
8) Diethyl Ether	3.69	74	29859	23.54	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54323	21.83	ug/l	96
10) Methyl Iodide	4.28	142	44626	17.01	ug/l	96
11) Tert butyl alcohol	5.18	59	23189	116.96	ug/l	96
12) 1,1-Dichloroethene	4.04	96	50480	22.40	ug/l	97
13) Acrolein	3.90	56	17209	130.17	ug/l	99
14) Allyl chloride	4.68	41	103829	24.76	ug/l	93
15) Acrylonitrile	5.38	53	71833	123.82	ug/l	97
16) Acetone	4.13	43	58034	124.40	ug/l	100
17) Carbon Disulfide	4.39	76	170240	21.44	ug/l	99
18) Methyl Acetate	4.68	43	35319	24.31	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	137402	22.45	ug/l	97
20) Methylene Chloride	4.92	84	83429	24.93	ug/l	88
21) trans-1,2-Dichloroethene	5.43	96	60289	22.40	ug/l	96
22) Diisopropyl ether	6.32	45	212061	25.72	ug/l	99
23) Vinyl Acetate	6.27	43	582797	124.05	ug/l	99
24) 1,1-Dichloroethane	6.23	63	114524	22.89	ug/l	98
25) 2-Butanone	7.18	43	92219	126.77	ug/l	92
26) 2,2-Dichloropropane	7.18	77	88789	19.78	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	65595	22.40	ug/l	97
28) Bromochloromethane	7.52	49	46402	23.84	ug/l	89
29) Tetrahydrofuran	7.54	42	60794	131.19	ug/l	94
30) Chloroform	7.68	83	113391	21.89	ug/l	99
31) Cyclohexane	7.96	56	114206	23.66	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	99602	20.67	ug/l	98
36) 1,1-Dichloropropene	8.09	75	93449	21.72	ug/l	99
37) Ethyl Acetate	7.26	43	42537	24.32	ug/l	98
38) Carbon Tetrachloride	8.07	117	85930	19.17	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103757	20.76	ug/l	99
40) Benzene	8.33	78	265582	21.31	ug/l	99
41) Methacrylonitrile	7.49	41	26305	24.92	ug/l	96
42) 1,2-Dichloroethane	8.41	62	78916	20.23	ug/l	97
43) Isopropyl Acetate	8.43	43	78421	22.97	ug/l	99
44) Trichloroethene	9.10	130	65653	20.47	ug/l	100
45) 1,2-Dichloropropane	9.38	63	70071	23.54	ug/l	98
46) Dibromomethane	9.46	93	31079	21.22	ug/l	98
47) Bromodichloromethane	9.65	83	84152	21.21	ug/l	98
48) Methyl methacrylate	9.45	41	37532	22.03	ug/l	98
49) 1,4-Dioxane	9.45	88	10970	449.43	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	202386	115.16	ug/l	98
52) Toluene	10.40	92	181616	21.52	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79939	20.13	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	96793	21.53	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	45829	21.06	ug/l	98
56) Ethyl methacrylate	10.65	69	59257	21.51	ug/l	98
57) 1,3-Dichloropropane	10.94	76	81064	21.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	143806	115.41	ug/l	96
59) 2-Hexanone	10.98	43	138269	115.51	ug/l	98
60) Dibromochloromethane	11.13	129	50976	19.46	ug/l	99
61) 1,2-Dibromoethane	11.24	107	40706	20.85	ug/l	99
64) Tetrachloroethene	10.87	164	68621	21.00	ug/l	98
65) Chlorobenzene	11.66	112	193414	20.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	57980	19.33	ug/l	97
67) Ethyl Benzene	11.74	91	348351	21.11	ug/l	98
68) m/p-Xylenes	11.85	106	267820	42.17	ug/l	100
69) o-Xylene	12.17	106	123118	20.82	ug/l	99
70) Styrene	12.19	104	203437	20.84	ug/l	99
71) Bromoform	12.35	173	29377	18.51	ug/l #	100
73) Isopropylbenzene	12.47	105	340900	21.91	ug/l	100
74) N-amyl acetate	12.28	43	74088	22.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50997	22.47	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	44677m	24.50	ug/l	
77) Bromobenzene	12.76	156	77408	21.05	ug/l	95
78) n-propylbenzene	12.81	91	417999	22.26	ug/l	99
79) 2-Chlorotoluene	12.90	91	244854	22.11	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	290853	21.43	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13899	19.77	ug/l	94
82) 4-Chlorotoluene	13.00	91	258694	22.12	ug/l	98
83) tert-Butylbenzene	13.21	119	248521	22.04	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	294236	21.35	ug/l	99
85) sec-Butylbenzene	13.39	105	355911	21.85	ug/l	99
86) p-Isopropyltoluene	13.51	119	307452	21.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	155998	20.91	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	154616	21.05	ug/l	99
89) n-Butylbenzene	13.83	91	290599	21.42	ug/l	99
90) Hexachloroethane	14.10	117	51194	20.51	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	135198	20.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8791	20.17	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86932	19.99	ug/l	99
94) Hexachlorobutadiene	15.25	225	56771	19.99	ug/l	99
95) Naphthalene	15.38	128	142350	19.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75027	19.76	ug/l	99

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

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