

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005248.D
 Acq On : 10 Sep 2018 18:46
 Operator : SY/AP
 Sample : VW0910SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:54 AM

Quant Time: Sep 11 04:05:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	509640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	737510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	748044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	397058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	206914	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.89	113	203783	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.33	98	1012126	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.63	95	371459	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	97617	22.20	ug/l	100
3) Chloromethane	2.22	50	127289	21.66	ug/l	99
4) Vinyl Chloride	2.36	62	115482	21.40	ug/l	98
5) Bromomethane	2.75	94	82071	23.49	ug/l	99
6) Chloroethane	2.91	64	61981	20.85	ug/l	100
7) Trichlorofluoromethane	3.26	101	127561	20.90	ug/l	98
8) Diethyl Ether	3.69	74	46085	21.19	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88471	20.29	ug/l	99
10) Methyl Iodide	4.28	142	75963	16.41	ug/l	99
11) Tert butyl alcohol	5.17	59	40506	129.94	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	83303	20.75	ug/l	98
13) Acrolein	3.90	56	34550	114.74	ug/l	97
14) Allyl chloride	4.68	41	127521	20.67	ug/l	98
15) Acrylonitrile	5.37	53	105343	107.34	ug/l	98
16) Acetone	4.13	43	73004	103.47	ug/l	99
17) Carbon Disulfide	4.39	76	283530	20.12	ug/l	97
18) Methyl Acetate	4.68	43	46582	22.12	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	205859	21.53	ug/l	98
20) Methylene Chloride	4.92	84	122708	21.53	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	95862	20.45	ug/l	98
22) Diisopropyl ether	6.32	45	270694	21.80	ug/l	94
23) Vinyl Acetate	6.26	43	761939	110.10	ug/l	99
24) 1,1-Dichloroethane	6.22	63	164012	21.46	ug/l	100
25) 2-Butanone	7.18	43	126405	113.58	ug/l	96
26) 2,2-Dichloropropane	7.18	77	135936	20.51	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	105416	21.01	ug/l	98
28) Bromochloromethane	7.52	49	62319	22.10	ug/l	96
29) Tetrahydrofuran	7.54	42	82506	110.01	ug/l	99
30) Chloroform	7.68	83	160857	20.97	ug/l	99
31) Cyclohexane	7.96	56	168338	20.70	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	144636	20.87	ug/l	99
36) 1,1-Dichloropropene	8.09	75	138165	20.45	ug/l	99
37) Ethyl Acetate	7.26	43	56893	22.14	ug/l	99
38) Carbon Tetrachloride	8.07	117	128344	20.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	176015	19.62	ug/l	99
40) Benzene	8.33	78	416483	20.92	ug/l	99
41) Methacrylonitrile	7.49	41	33035	25.05	ug/l	94
42) 1,2-Dichloroethane	8.41	62	102540	21.53	ug/l	98
43) Isopropyl Acetate	8.43	43	103527	21.69	ug/l	99
44) Trichloroethene	9.10	130	112751	20.65	ug/l	96
45) 1,2-Dichloropropane	9.38	63	101561	21.23	ug/l	97
46) Dibromomethane	9.46	93	48926	20.89	ug/l	98
47) Bromodichloromethane	9.65	83	120933	21.11	ug/l	96
48) Methyl methacrylate	9.45	41	48581	19.60	ug/l	94
49) 1,4-Dioxane	9.45	88	18695	427.53	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	291312	108.47	ug/l	99
52) Toluene	10.40	92	301105	20.81	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	128350	20.73	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	156279	21.08	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	79434	21.27	ug/l	99
56) Ethyl methacrylate	10.65	69	97435	20.58	ug/l	99
57) 1,3-Dichloropropane	10.94	76	130262	21.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	227460	110.54	ug/l	98
59) 2-Hexanone	10.98	43	206027	106.41	ug/l	98
60) Dibromochloromethane	11.13	129	85733	20.69	ug/l	100
61) 1,2-Dibromoethane	11.24	107	72166	21.07	ug/l	100
64) Tetrachloroethene	10.87	164	111934	20.17	ug/l	97
65) Chlorobenzene	11.66	112	330373	20.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98816	20.20	ug/l	100
67) Ethyl Benzene	11.74	91	569141	19.94	ug/l	100
68) m/p-Xylenes	11.85	106	458009	39.83	ug/l	99
69) o-Xylene	12.18	106	214457	20.04	ug/l	98
70) Styrene	12.19	104	352101	20.17	ug/l	100
71) Bromoform	12.35	173	53763	20.27	ug/l #	97
73) Isopropylbenzene	12.48	105	573365	20.44	ug/l	100
74) N-amyl acetate	12.28	43	113724	21.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	89014	21.11	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	63603m	20.83	ug/l	
77) Bromobenzene	12.76	156	136852	20.71	ug/l	98
78) n-propylbenzene	12.81	91	696885	20.68	ug/l	99
79) 2-Chlorotoluene	12.90	91	395260	20.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	486883	20.38	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	26108	20.05	ug/l	95
82) 4-Chlorotoluene	13.00	91	422646	20.81	ug/l	100
83) tert-Butylbenzene	13.21	119	428088	20.49	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	499916	20.83	ug/l	98
85) sec-Butylbenzene	13.40	105	613142	20.42	ug/l	99
86) p-Isopropyltoluene	13.51	119	537023	20.20	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	280409	20.21	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	276518	20.29	ug/l	100
89) n-Butylbenzene	13.83	91	495400	19.83	ug/l	98
90) Hexachloroethane	14.10	117	86662	20.35	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	253922	20.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14753	21.04	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	170374	19.75	ug/l	99
94) Hexachlorobutadiene	15.25	225	110598	20.02	ug/l	99
95) Naphthalene	15.38	128	276742	19.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	150250	20.24	ug/l	99

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

