

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005913.D
 Acq On : 09 Oct 2018 01:02
 Operator : SY/AP
 Sample : VW1008SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:35:39 PM

Quant Time: Oct 09 08:01:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124619	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	7.88	113	127767	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.33	98	494237	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.62	95	182283	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22033	16.88	ug/l	95
3) Chloromethane	2.21	50	27140	17.68	ug/l	98
4) Vinyl Chloride	2.37	62	46505	19.08	ug/l	96
5) Bromomethane	2.78	94	42319	22.00	ug/l	100
6) Chloroethane	2.93	64	33649	21.67	ug/l	99
7) Trichlorofluoromethane	3.26	101	37080	19.16	ug/l	97
8) Diethyl Ether	3.68	74	23283	19.55	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44806	18.35	ug/l	97
10) Methyl Iodide	4.26	142	78432	19.64	ug/l	100
11) Tert butyl alcohol	5.22	59	16776	88.53	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43898	18.72	ug/l	97
13) Acrolein	3.90	56	15416	91.29	ug/l	99
14) Allyl chloride	4.67	41	68224	17.06	ug/l	98
15) Acrylonitrile	5.38	53	47534	91.73	ug/l	99
16) Acetone	4.14	43	41943	81.21	ug/l	100
17) Carbon Disulfide	4.37	76	122507	17.28	ug/l	99
18) Methyl Acetate	4.68	43	22262	17.08	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	71932	19.72	ug/l	98
20) Methylene Chloride	4.91	84	51541	19.92	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	48553	19.00	ug/l	97
22) Diisopropyl ether	6.31	45	140619	18.81	ug/l	97
23) Vinyl Acetate	6.26	43	414853	90.17	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87046	19.03	ug/l	99
25) 2-Butanone	7.18	43	62814	85.51	ug/l	97
26) 2,2-Dichloropropane	7.17	77	55783	17.33	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	56574	19.57	ug/l	96
28) Bromochloromethane	7.51	49	32493	19.24	ug/l	94
29) Tetrahydrofuran	7.54	42	40988	88.26	ug/l	97
30) Chloroform	7.68	83	93512	19.90	ug/l	99
31) Cyclohexane	7.95	56	77242	17.06	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	80779	19.31	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69135	18.19	ug/l	99
37) Ethyl Acetate	7.26	43	28633	17.79	ug/l	97
38) Carbon Tetrachloride	8.07	117	76009	18.62	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89582	17.87	ug/l	97
40) Benzene	8.32	78	198015	19.04	ug/l	99
41) Methacrylonitrile	7.49	41	18000	17.86	ug/l	97
42) 1,2-Dichloroethane	8.40	62	58603	18.65	ug/l	99
43) Isopropyl Acetate	8.43	43	60431	17.98	ug/l	99
44) Trichloroethene	9.09	130	58809	19.49	ug/l	99
45) 1,2-Dichloropropane	9.37	63	49486	19.01	ug/l	98
46) Dibromomethane	9.46	93	27115	18.95	ug/l	98
47) Bromodichloromethane	9.65	83	68616	19.05	ug/l	99
48) Methyl methacrylate	9.44	41	28509	17.80	ug/l	97
49) 1,4-Dioxane	9.48	88	9051	416.40	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	149282	91.19	ug/l	99
52) Toluene	10.39	92	131129	19.19	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	67312	17.89	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	76459	18.07	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38498	19.42	ug/l	97
56) Ethyl methacrylate	10.65	69	48681	18.22	ug/l	98
57) 1,3-Dichloropropane	10.94	76	62925	18.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104185	95.85	ug/l	99
59) 2-Hexanone	10.98	43	100662	85.75	ug/l	97
60) Dibromochloromethane	11.13	129	48671	19.03	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38262	19.32	ug/l	98
64) Tetrachloroethene	10.87	164	55978	20.77	ug/l	98
65) Chlorobenzene	11.66	112	150648	19.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54824	19.30	ug/l	99
67) Ethyl Benzene	11.74	91	261169	19.08	ug/l	100
68) m/p-Xylenes	11.84	106	205729	38.45	ug/l	98
69) o-Xylene	12.17	106	99426	19.41	ug/l	98
70) Styrene	12.18	104	162755	19.15	ug/l	99
71) Bromoform	12.35	173	30931	18.28	ug/l #	99
73) Isopropylbenzene	12.47	105	271779	18.79	ug/l	99
74) N-amyl acetate	12.28	43	60190	17.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	44555	18.79	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34790m	19.66	ug/l	
77) Bromobenzene	12.75	156	68056	19.86	ug/l	95
78) n-propylbenzene	12.81	91	316336	18.59	ug/l	99
79) 2-Chlorotoluene	12.90	91	180177	18.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	231805	18.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13062	15.58	ug/l	96
82) 4-Chlorotoluene	12.99	91	190398	18.84	ug/l	99
83) tert-Butylbenzene	13.21	119	207887	19.14	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	236488	19.20	ug/l	100
85) sec-Butylbenzene	13.39	105	287566	18.86	ug/l	99
86) p-Isopropyltoluene	13.51	119	260631	19.01	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	132093	19.40	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	131211	19.39	ug/l	99
89) n-Butylbenzene	13.83	91	238078	18.42	ug/l	99
90) Hexachloroethane	14.10	117	47019	18.23	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	120820	19.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7778	17.60	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	91617	19.55	ug/l	99
94) Hexachlorobutadiene	15.24	225	56979	19.48	ug/l	99
95) Naphthalene	15.38	128	159182	19.70	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	81044	19.97	ug/l	99

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

