

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006655.D
 Acq On : 06 Nov 2018 01:09
 Operator : SY/AP
 Sample : VW1105SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:16:10 AM

Quant Time: Nov 06 03:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	285586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102332	62.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.20%	
35) Dibromofluoromethane	7.88	113	106837	59.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.22%	
50) Toluene-d8	10.33	98	384769	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
62) 4-Bromofluorobenzene	12.62	95	142193	57.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.98%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	21961m	22.278	ug/l
3) Chloromethane	2.21	50	26741	21.925	ug/l
4) Vinyl Chloride	2.37	62	36225	21.271	ug/l
5) Bromomethane	2.79	94	35680	24.965	ug/l
6) Chloroethane	2.93	64	27943	23.483	ug/l
7) Trichlorofluoromethane	3.26	101	30772	20.462	ug/l
8) Diethyl Ether	3.68	74	19995	24.322	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35208	21.924	ug/l
10) Methyl Iodide	4.26	142	65961	22.653	ug/l
11) Tert butyl alcohol	5.24	59	10734	121.881	ug/l
12) 1,1-Dichloroethene	4.04	96	32893	21.207	ug/l
13) Acrolein	3.90	56	11560	104.363	ug/l
14) Allyl chloride	4.67	41	45517	22.482	ug/l
15) Acrylonitrile	5.37	53	37987	128.872	ug/l
16) Acetone	4.14	43	36406	137.954	ug/l
17) Carbon Disulfide	4.37	76	94866	21.493	ug/l
18) Methyl Acetate	4.68	43	19098	25.167	ug/l
19) Methyl tert-butyl Ether	5.43	73	57400	24.862	ug/l
20) Methylene Chloride	4.92	84	47056	24.463	ug/l
21) trans-1,2-Dichloroethene	5.42	96	40645	23.158	ug/l
22) Diisopropyl ether	6.31	45	108249	25.646	ug/l
23) Vinyl Acetate	6.26	43	294732	125.918	ug/l
24) 1,1-Dichloroethane	6.21	63	68966	24.109	ug/l
25) 2-Butanone	7.18	43	48314	128.298	ug/l
26) 2,2-Dichloropropane	7.17	77	39887	23.147	ug/l
27) cis-1,2-Dichloroethene	7.17	96	46977	23.924	ug/l
28) Bromochloromethane	7.51	49	27994	24.645	ug/l
29) Tetrahydrofuran	7.54	42	30108	127.114	ug/l
30) Chloroform	7.68	83	77348	24.662	ug/l
31) Cyclohexane	7.95	56	52090	20.007	ug/l
32) 1,1,1-Trichloroethane	7.87	97	60365	22.746	ug/l
36) 1,1-Dichloropropene	8.08	75	52600	20.944	ug/l
37) Ethyl Acetate	7.26	43	22536	25.894	ug/l
38) Carbon Tetrachloride	8.07	117	56274	21.444	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	60751	19.062	ug/l	95
40) Benzene	8.32	78	166007	23.272	ug/l	100
41) Methacrylonitrile	7.49	41	12018	22.519	ug/l	93
42) 1,2-Dichloroethane	8.40	62	50305	24.590	ug/l	99
43) Isopropyl Acetate	8.43	43	42535	24.491	ug/l	98
44) Trichloroethene	9.09	130	48598	22.077	ug/l	97
45) 1,2-Dichloropropane	9.37	63	40489	24.390	ug/l	98
46) Dibromomethane	9.46	93	24082	24.678	ug/l	98
47) Bromodichloromethane	9.65	83	55109	24.321	ug/l	99
48) Methyl methacrylate	9.44	41	20246	24.196	ug/l	98
49) 1,4-Dioxane	9.48	88	7043	493.152	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	110576	123.971	ug/l	98
52) Toluene	10.39	92	110189	23.030	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	52703	24.168	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	60913	23.638	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34243	24.731	ug/l	99
56) Ethyl methacrylate	10.65	69	36984	23.501	ug/l	97
57) 1,3-Dichloropropane	10.93	76	56115	24.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91009	118.964	ug/l	100
59) 2-Hexanone	10.98	43	75261	124.233	ug/l	98
60) Dibromochloromethane	11.13	129	41583	25.348	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34059	24.770	ug/l	99
64) Tetrachloroethene	10.87	164	47593	21.155	ug/l	97
65) Chlorobenzene	11.66	112	133533	22.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47726	22.864	ug/l	98
67) Ethyl Benzene	11.74	91	210500	21.206	ug/l	99
68) m/p-Xylenes	11.85	106	171930	43.352	ug/l	99
69) o-Xylene	12.17	106	82099	21.744	ug/l	100
70) Styrene	12.18	104	136885	22.237	ug/l	100
71) Bromoform	12.35	173	26476	23.927	ug/l #	98
73) Isopropylbenzene	12.47	105	215720	20.123	ug/l	99
74) N-amyl acetate	12.28	43	39911	21.545	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	39208	23.157	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24191m	19.053	ug/l	
77) Bromobenzene	12.75	156	61313	22.090	ug/l	99
78) n-propylbenzene	12.81	91	253993	20.599	ug/l	100
79) 2-Chlorotoluene	12.90	91	151007	21.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	190157	21.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9906	21.790	ug/l	98
82) 4-Chlorotoluene	12.99	91	161780	21.609	ug/l	99
83) tert-Butylbenzene	13.21	119	164126	20.435	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	199115	21.555	ug/l	99
85) sec-Butylbenzene	13.39	105	230310	20.475	ug/l	99
86) p-Isopropyltoluene	13.51	119	208329	20.354	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	120523	22.049	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	121263	22.380	ug/l	99
89) n-Butylbenzene	13.83	91	183958	20.247	ug/l	99
90) Hexachloroethane	14.10	117	35750	21.252	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	111040	22.584	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5996	21.825	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79551	21.759	ug/l	99
94) Hexachlorobutadiene	15.24	225	47227	20.726	ug/l	99
95) Naphthalene	15.38	128	125723	21.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70914	22.069	ug/l	99

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

