

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006604.D
 Acq On : 02 Nov 2018 16:32
 Operator : SY/AP
 Sample : VW1104SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Manual Integrations
 APPROVED

apatel
 11/5/2018 10:12:44 AM

Quant Time: Nov 02 23:55:09 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	255137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110583	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.88	113	116088	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.32	98	449250	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	159441	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	34988m	26.453	ug/l
3) Chloromethane	2.21	50	37616	22.986	ug/l
4) Vinyl Chloride	2.37	62	53884	23.582	ug/l
5) Bromomethane	2.78	94	43942	22.915	ug/l
6) Chloroethane	2.92	64	35700	22.361	ug/l
7) Trichlorofluoromethane	3.26	101	48681	24.126	ug/l
8) Diethyl Ether	3.67	74	23448	21.258	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49804	23.114	ug/l
10) Methyl Iodide	4.27	142	78208	20.018	ug/l
11) Tert butyl alcohol	5.18	59	15837	134.025	ug/l
12) 1,1-Dichloroethene	4.03	96	45351	21.792	ug/l
13) Acrolein	3.89	56	14486	97.471	ug/l
14) Allyl chloride	4.66	41	57917	21.320	ug/l
15) Acrylonitrile	5.37	53	45199	114.285	ug/l
16) Acetone	4.12	43	56704	160.144	ug/l
17) Carbon Disulfide	4.37	76	132324	22.344	ug/l
18) Methyl Acetate	4.67	43	22503	22.101	ug/l
19) Methyl tert-butyl Ether	5.43	73	62710	20.244	ug/l
20) Methylene Chloride	4.91	84	48618	17.278	ug/l
21) trans-1,2-Dichloroethene	5.42	96	51947	22.059	ug/l
22) Diisopropyl ether	6.31	45	118067	20.848	ug/l
23) Vinyl Acetate	6.26	43	346550	110.347	ug/l
24) 1,1-Dichloroethane	6.21	63	81888	21.335	ug/l
25) 2-Butanone	7.17	43	67215	133.030	ug/l
26) 2,2-Dichloropropane	7.17	77	53653	23.206	ug/l
27) cis-1,2-Dichloroethene	7.17	96	55446	21.046	ug/l
28) Bromochloromethane	7.51	49	31380	20.590	ug/l
29) Tetrahydrofuran	7.53	42	35858	112.833	ug/l
30) Chloroform	7.68	83	89504	21.269	ug/l
31) Cyclohexane	7.96	56	76019	21.761	ug/l
32) 1,1,1-Trichloroethane	7.87	97	76735	21.550	ug/l
36) 1,1-Dichloropropene	8.08	75	71916	22.786	ug/l
37) Ethyl Acetate	7.26	43	24688	22.572	ug/l
38) Carbon Tetrachloride	8.07	117	75417	22.868	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93066	23.236	ug/l	97
40) Benzene	8.32	78	199996	22.309	ug/l	99
41) Methacrylonitrile	7.49	41	15248	22.735	ug/l	97
42) 1,2-Dichloroethane	8.40	62	56243	21.876	ug/l	99
43) Isopropyl Acetate	8.43	43	48446	22.197	ug/l	99
44) Trichloroethene	9.09	130	61393	22.193	ug/l	97
45) 1,2-Dichloropropane	9.37	63	45514	21.816	ug/l	99
46) Dibromomethane	9.46	93	27019	22.032	ug/l	98
47) Bromodichloromethane	9.65	83	61703	21.669	ug/l	99
48) Methyl methacrylate	9.44	41	23140	22.006	ug/l	97
49) 1,4-Dioxane	9.45	88	8445	470.531	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	128824	114.927	ug/l	98
52) Toluene	10.39	92	130908	21.772	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60798	22.185	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	70791	21.859	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38211	21.960	ug/l	96
56) Ethyl methacrylate	10.65	69	42507	21.493	ug/l	94
57) 1,3-Dichloropropane	10.93	76	61585	21.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94118	97.897	ug/l	99
59) 2-Hexanone	10.97	43	97888	128.577	ug/l	98
60) Dibromochloromethane	11.13	129	44397	21.535	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36942	21.379	ug/l	99
64) Tetrachloroethene	10.87	164	55077	21.064	ug/l	99
65) Chlorobenzene	11.66	112	153693	22.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52481	21.633	ug/l	98
67) Ethyl Benzene	11.74	91	256918	22.269	ug/l	100
68) m/p-Xylenes	11.84	106	208023	45.132	ug/l	100
69) o-Xylene	12.17	106	95809	21.834	ug/l	99
70) Styrene	12.18	104	158813	22.199	ug/l	100
71) Bromoform	12.35	173	27996	21.770	ug/l #	100
73) Isopropylbenzene	12.47	105	269300	21.800	ug/l	100
74) N-amyl acetate	12.27	43	48746	22.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43584	22.338	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27014m	18.463	ug/l	
77) Bromobenzene	12.75	156	68488	21.413	ug/l	99
78) n-propylbenzene	12.81	91	321854	22.652	ug/l	100
79) 2-Chlorotoluene	12.90	91	176958	21.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	231624	22.318	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11573	22.055	ug/l	97
82) 4-Chlorotoluene	12.99	91	190699	22.105	ug/l	99
83) tert-Butylbenzene	13.21	119	203023	21.936	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	236920	22.256	ug/l	100
85) sec-Butylbenzene	13.39	105	292781	22.587	ug/l	100
86) p-Isopropyltoluene	13.51	119	262444	22.251	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	140127	22.246	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138692	22.213	ug/l	99
89) n-Butylbenzene	13.83	91	242414	23.153	ug/l	100
90) Hexachloroethane	14.10	117	42209	21.774	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	124816	22.029	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6864	21.681	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	93093	22.096	ug/l	100
94) Hexachlorobutadiene	15.24	225	59856	22.796	ug/l	99
95) Naphthalene	15.38	128	146132	21.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	80948	21.862	ug/l	99

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

