

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006495.D
 Acq On : 30 Oct 2018 12:25
 Operator : SY/AP
 Sample : VW1031SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:34 PM

Quant Time: Oct 30 14:16:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88346	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.88	113	95020	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
50) Toluene-d8	10.32	98	346320	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.62	95	130734	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19245	18.280	ug/l	98
3) Chloromethane	2.21	50	26783	19.764	ug/l	96
4) Vinyl Chloride	2.37	62	40240	20.793	ug/l	97
5) Bromomethane	2.78	94	35245	20.023	ug/l	98
6) Chloroethane	2.93	64	29678	21.399	ug/l	91
7) Trichlorofluoromethane	3.26	101	39852	22.105	ug/l	100
8) Diethyl Ether	3.67	74	20234	21.118	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42062	22.263	ug/l	99
10) Methyl Iodide	4.26	142	67017	21.311	ug/l	98
11) Tert butyl alcohol	5.22	59	11844	99.849	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	39458	22.198	ug/l	92
13) Acrolein	3.89	56	12209	106.369	ug/l	97
14) Allyl chloride	4.66	41	51125	20.115	ug/l	99
15) Acrylonitrile	5.37	53	39541	115.058	ug/l	99
16) Acetone	4.14	43	47194	135.870	ug/l	100
17) Carbon Disulfide	4.38	76	96559	17.999	ug/l	99
18) Methyl Acetate	4.68	43	20264	22.830	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	57400	21.202	ug/l	99
20) Methylene Chloride	4.91	84	43923	22.645	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	44102	22.228	ug/l	96
22) Diisopropyl ether	6.31	45	105655	21.036	ug/l	96
23) Vinyl Acetate	6.26	43	305303	103.002	ug/l	99
24) 1,1-Dichloroethane	6.21	63	71162	21.958	ug/l	100
25) 2-Butanone	7.18	43	59889	125.693	ug/l	100
26) 2,2-Dichloropropane	7.17	77	49611	21.704	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49795	22.743	ug/l	98
28) Bromochloromethane	7.51	49	24934	19.929	ug/l	90
29) Tetrahydrofuran	7.54	42	31762	108.448	ug/l	96
30) Chloroform	7.68	83	81206	22.999	ug/l	97
31) Cyclohexane	7.96	56	64295	19.922	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	69369	21.779	ug/l	100
36) 1,1-Dichloropropene	8.08	75	63770	23.362	ug/l	99
37) Ethyl Acetate	7.26	43	23639	23.309	ug/l	100
38) Carbon Tetrachloride	8.07	117	66568	22.246	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78968	21.764	ug/l	98
40) Benzene	8.32	78	173835	23.217	ug/l	100
41) Methacrylonitrile	7.49	41	13239	21.655	ug/l	94
42) 1,2-Dichloroethane	8.40	62	51458	23.392	ug/l	99
43) Isopropyl Acetate	8.43	43	44368	21.397	ug/l	98
44) Trichloroethene	9.09	130	54474	23.714	ug/l	98
45) 1,2-Dichloropropane	9.37	63	41135	22.959	ug/l	99
46) Dibromomethane	9.46	93	23982	23.484	ug/l	98
47) Bromodichloromethane	9.65	83	54841	22.151	ug/l	98
48) Methyl methacrylate	9.44	41	21386	21.758	ug/l	95
49) 1,4-Dioxane	9.48	88	7196	457.736	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	119994	115.497	ug/l	98
52) Toluene	10.39	92	115983	23.105	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53783	21.803	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	63268	22.348	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34802	24.353	ug/l	97
56) Ethyl methacrylate	10.65	69	39518	22.557	ug/l	96
57) 1,3-Dichloropropane	10.93	76	55958	23.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	82126	122.683	ug/l	98
59) 2-Hexanone	10.98	43	90225	121.657	ug/l	98
60) Dibromochloromethane	11.13	129	40021	22.484	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34203	23.954	ug/l	100
64) Tetrachloroethene	10.87	164	49619	23.552	ug/l	95
65) Chlorobenzene	11.66	112	138810	23.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47703	23.105	ug/l	100
67) Ethyl Benzene	11.73	91	233176	23.159	ug/l	100
68) m/p-Xylenes	11.84	106	185944	46.725	ug/l	99
69) o-Xylene	12.17	106	86631	22.842	ug/l	99
70) Styrene	12.18	104	140865	22.841	ug/l	99
71) Bromoform	12.35	173	24939	21.656	ug/l #	99
73) Isopropylbenzene	12.47	105	245508	22.506	ug/l	99
74) N-amyl acetate	12.28	43	43578	20.568	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	39592	23.863	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24058m	20.399	ug/l	
77) Bromobenzene	12.75	156	62216	23.286	ug/l	97
78) n-propylbenzene	12.81	91	288667	22.746	ug/l	99
79) 2-Chlorotoluene	12.90	91	161523	22.652	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	204732	22.263	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	10223	20.721	ug/l	97
82) 4-Chlorotoluene	12.99	91	170490	22.825	ug/l	100
83) tert-Butylbenzene	13.21	119	185456	22.541	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	210344	22.604	ug/l	100
85) sec-Butylbenzene	13.39	105	266484	22.926	ug/l	100
86) p-Isopropyltoluene	13.51	119	241420	22.963	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125202	23.546	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	123628	23.351	ug/l	100
89) n-Butylbenzene	13.83	91	218057	22.679	ug/l	99
90) Hexachloroethane	14.10	117	38199	21.450	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	110017	23.195	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6375	21.461	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	85032	23.300	ug/l	100
94) Hexachlorobutadiene	15.24	225	53753	23.447	ug/l	100
95) Naphthalene	15.38	128	134217	22.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74036	23.454	ug/l	100

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

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