

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006470.D
 Acq On : 30 Oct 2018 00:09
 Operator : SY/AP
 Sample : VW1031SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

Manual Integrations
 APPROVED

apatel
 10/30/2018 2:16:24 PM

Quant Time: Oct 30 06:42:55 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	199086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	283686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	83338	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	7.88	113	88409	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.33	98	330303	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.62	95	123331	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18065	18.337	ug/l	97
3) Chloromethane	2.21	50	27211	21.457	ug/l	96
4) Vinyl Chloride	2.36	62	38477	21.246	ug/l	100
5) Bromomethane	2.79	94	36896	22.399	ug/l	93
6) Chloroethane	2.92	64	30635	23.604	ug/l	91
7) Trichlorofluoromethane	3.25	101	37679	22.333	ug/l	99
8) Diethyl Ether	3.68	74	18994	21.183	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41393	23.411	ug/l	98
10) Methyl Iodide	4.26	142	67451	22.921	ug/l	99
11) Tert butyl alcohol	5.23	59	12172	109.652	ug/l	98
12) 1,1-Dichloroethene	4.03	96	39126	23.521	ug/l	92
13) Acrolein	3.90	56	10644	99.094	ug/l	94
14) Allyl chloride	4.66	41	51732	21.750	ug/l	99
15) Acrylonitrile	5.38	53	38932	121.056	ug/l	100
16) Acetone	4.15	43	36878	110.856	ug/l	94
17) Carbon Disulfide	4.37	76	97650	19.451	ug/l	98
18) Methyl Acetate	4.68	43	20872	25.128	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	59214	23.372	ug/l	98
20) Methylene Chloride	4.91	84	46672	25.941	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	44964	24.217	ug/l	96
22) Diisopropyl ether	6.32	45	111375	23.696	ug/l	96
23) Vinyl Acetate	6.26	43	303348	109.361	ug/l	97
24) 1,1-Dichloroethane	6.22	63	75840	25.006	ug/l	98
25) 2-Butanone	7.18	43	51674	115.890	ug/l	99
26) 2,2-Dichloropropane	7.17	77	47118	22.028	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	51177	24.977	ug/l	98
28) Bromochloromethane	7.51	49	25080	21.420	ug/l	94
29) Tetrahydrofuran	7.54	42	30701	112.016	ug/l	98
30) Chloroform	7.68	83	82838	25.070	ug/l	99
31) Cyclohexane	7.95	56	61930	20.505	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	67824	22.755	ug/l	98
36) 1,1-Dichloropropene	8.09	75	62197	23.787	ug/l	100
37) Ethyl Acetate	7.26	43	22954	23.627	ug/l	98
38) Carbon Tetrachloride	8.07	117	65691	22.917	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74792	21.518	ug/l	99
40) Benzene	8.32	78	177236	24.710	ug/l	97
41) Methacrylonitrile	7.49	41	13989	23.886	ug/l	98
42) 1,2-Dichloroethane	8.40	62	51110	24.254	ug/l	100
43) Isopropyl Acetate	8.43	43	44501	22.403	ug/l	99
44) Trichloroethene	9.09	130	54041	24.558	ug/l	97
45) 1,2-Dichloropropane	9.37	63	42510	24.768	ug/l	100
46) Dibromomethane	9.46	93	24199	24.737	ug/l	99
47) Bromodichloromethane	9.65	83	55383	23.352	ug/l	99
48) Methyl methacrylate	9.44	41	20438	21.706	ug/l	93
49) 1,4-Dioxane	9.48	88	7769	515.883	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	115348	115.899	ug/l	99
52) Toluene	10.39	92	121164	25.197	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53840	22.785	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	63943	23.578	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35273	25.767	ug/l	97
56) Ethyl methacrylate	10.65	69	37759	22.500	ug/l	96
57) 1,3-Dichloropropane	10.93	76	56604	24.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	76131	118.721	ug/l	97
59) 2-Hexanone	10.98	43	77806	109.518	ug/l	99
60) Dibromochloromethane	11.13	129	41472	24.322	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35224	25.752	ug/l	98
64) Tetrachloroethene	10.87	164	52266	24.964	ug/l	95
65) Chlorobenzene	11.66	112	141504	24.510	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	49100	23.931	ug/l	99
67) Ethyl Benzene	11.74	91	238362	23.824	ug/l	98
68) m/p-Xylenes	11.84	106	189381	47.889	ug/l	97
69) o-Xylene	12.17	106	87998	23.349	ug/l	100
70) Styrene	12.18	104	144466	23.572	ug/l	99
71) Bromoform	12.35	173	25490	22.274	ug/l #	98
73) Isopropylbenzene	12.47	105	247894	22.792	ug/l	100
74) N-amyl acetate	12.28	43	41834	19.803	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	40104	24.243	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24282m	20.650	ug/l	
77) Bromobenzene	12.75	156	63748	23.930	ug/l	97
78) n-propylbenzene	12.81	91	289987	22.917	ug/l	99
79) 2-Chlorotoluene	12.90	91	165560	23.287	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	210091	22.913	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9687	19.692	ug/l	98
82) 4-Chlorotoluene	12.99	91	175022	23.501	ug/l	100
83) tert-Butylbenzene	13.21	119	186775	22.768	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	215951	23.275	ug/l	99
85) sec-Butylbenzene	13.39	105	263161	22.707	ug/l	99
86) p-Isopropyltoluene	13.51	119	238311	22.734	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	127800	24.105	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	127690	24.190	ug/l	99
89) n-Butylbenzene	13.83	91	214472	22.372	ug/l	99
90) Hexachloroethane	14.10	117	38719	21.806	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	114231	24.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5858	19.779	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83883	23.053	ug/l	99
94) Hexachlorobutadiene	15.24	225	52959	23.168	ug/l	100
95) Naphthalene	15.38	128	129373	21.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	73588	23.381	ug/l	100

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

