

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006708.D
 Acq On : 07 Nov 2018 02:28
 Operator : SY/AP
 Sample : VW1106SBS02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:25 PM

Quant Time: Nov 07 12:19:26 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	221244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	100136	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	108810	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	10.33	98	402041	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.62	95	144672	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25066	21.855	ug/l	97
3) Chloromethane	2.21	50	30785	21.694	ug/l	98
4) Vinyl Chloride	2.37	62	44045	22.229	ug/l	97
5) Bromomethane	2.79	94	39072	23.496	ug/l	99
6) Chloroethane	2.93	64	31563	22.798	ug/l	99
7) Trichlorofluoromethane	3.26	101	36191	20.683	ug/l	97
8) Diethyl Ether	3.68	74	20451	21.382	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41852	22.399	ug/l	99
10) Methyl Iodide	4.26	142	71288	21.042	ug/l	99
11) Tert butyl alcohol	5.23	59	10870	106.082	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	38835	21.520	ug/l	96
13) Acrolein	3.90	56	10983	85.221	ug/l	98
14) Allyl chloride	4.67	41	50867	21.594	ug/l	99
15) Acrylonitrile	5.38	53	37813	110.256	ug/l	100
16) Acetone	4.15	43	32725	106.581	ug/l	98
17) Carbon Disulfide	4.37	76	111701	21.751	ug/l	99
18) Methyl Acetate	4.68	43	18586	21.051	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	56911	21.186	ug/l	99
20) Methylene Chloride	4.91	84	47193	20.151	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	44510	21.797	ug/l	99
22) Diisopropyl ether	6.31	45	109568	22.311	ug/l	96
23) Vinyl Acetate	6.26	43	297932	109.399	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74505	22.385	ug/l	99
25) 2-Butanone	7.18	43	46897	107.036	ug/l	94
26) 2,2-Dichloropropane	7.17	77	42962	21.428	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	50330	22.030	ug/l	99
28) Bromochloromethane	7.51	49	28162	21.309	ug/l	99
29) Tetrahydrofuran	7.54	42	29489	107.007	ug/l	98
30) Chloroform	7.68	83	83011	22.748	ug/l	99
31) Cyclohexane	7.96	56	62493	20.630	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	68541	22.197	ug/l	98
36) 1,1-Dichloropropene	8.08	75	62045	21.721	ug/l	99
37) Ethyl Acetate	7.26	43	22358	22.587	ug/l	99
38) Carbon Tetrachloride	8.07	117	64886	21.739	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74141	20.453	ug/l	98
40) Benzene	8.32	78	182772	22.527	ug/l	99
41) Methacrylonitrile	7.49	41	11572	19.064	ug/l	95
42) 1,2-Dichloroethane	8.40	62	51159	21.987	ug/l	100
43) Isopropyl Acetate	8.43	43	41973	21.249	ug/l	99
44) Trichloroethene	9.09	130	54658	21.831	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43129	22.842	ug/l	97
46) Dibromomethane	9.46	93	24902	22.436	ug/l	99
47) Bromodichloromethane	9.65	83	58330	22.634	ug/l	99
48) Methyl methacrylate	9.44	41	20117	21.138	ug/l	97
49) 1,4-Dioxane	9.48	88	7357	452.920	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	107074	105.546	ug/l	99
52) Toluene	10.39	92	119090	21.884	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	52951	21.349	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	63556	21.684	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35257	22.388	ug/l	97
56) Ethyl methacrylate	10.65	69	36598	20.447	ug/l	97
57) 1,3-Dichloropropane	10.93	76	56881	22.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90750	104.298	ug/l	100
59) 2-Hexanone	10.98	43	71758	104.144	ug/l	98
60) Dibromochloromethane	11.13	129	41700	22.349	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34019	21.753	ug/l	100
64) Tetrachloroethene	10.87	164	52316	21.528	ug/l	97
65) Chlorobenzene	11.66	112	141894	22.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49524	21.964	ug/l	99
67) Ethyl Benzene	11.74	91	232540	21.687	ug/l	98
68) m/p-Xylenes	11.84	106	188549	44.013	ug/l	99
69) o-Xylene	12.17	106	88095	21.600	ug/l	100
70) Styrene	12.18	104	144022	21.660	ug/l	100
71) Bromoform	12.35	173	25741	21.536	ug/l #	99
73) Isopropylbenzene	12.47	105	238713	20.759	ug/l	100
74) N-amyl acetate	12.28	43	40043	20.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	38835	21.382	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28692m	21.066	ug/l	
77) Bromobenzene	12.75	156	63920	21.469	ug/l	99
78) n-propylbenzene	12.81	91	282559	21.362	ug/l	100
79) 2-Chlorotoluene	12.90	91	162693	21.432	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	206595	21.384	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9773	20.254	ug/l	98
82) 4-Chlorotoluene	12.99	91	172649	21.498	ug/l	99
83) tert-Butylbenzene	13.21	119	180937	21.002	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	212750	21.470	ug/l	100
85) sec-Butylbenzene	13.39	105	255649	21.187	ug/l	100
86) p-Isopropyltoluene	13.51	119	231964	21.127	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	127897	21.812	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	126609	21.783	ug/l	99
89) n-Butylbenzene	13.83	91	207470	21.287	ug/l	99
90) Hexachloroethane	14.10	117	38989	21.606	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	115483	21.895	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5906	20.040	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	83912	21.396	ug/l	99
94) Hexachlorobutadiene	15.24	225	51365	21.014	ug/l	99
95) Naphthalene	15.38	128	125988	19.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73317	21.271	ug/l	99

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

