

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003900.D
 Acq On : 12 Jul 2018 16:40
 Operator : SY/AP
 Sample : VW0712SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Manual Integrations
 APPROVED

apatel
 7/13/2018 9:31:27 AM

Quant Time: Jul 12 18:24:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128861	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
35) Dibromofluoromethane	7.88	113	115033	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	10.33	98	457744	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.62	95	163158	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20922	18.874	ug/l	95
3) Chloromethane	2.21	50	42837	20.355	ug/l	95
4) Vinyl Chloride	2.36	62	58064	20.918	ug/l	99
5) Bromomethane	2.78	94	37527	19.152	ug/l	98
6) Chloroethane	2.92	64	35429	21.283	ug/l	98
7) Trichlorofluoromethane	3.25	101	28407	25.333	ug/l	99
8) Diethyl Ether	3.68	74	18871	16.421	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50942	23.360	ug/l	99
10) Methyl Iodide	4.26	142	71631	22.068	ug/l	99
11) Tert butyl alcohol	5.23	59	14512	89.837	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	50054	23.377	ug/l	96
13) Acrolein	3.90	56	17150	70.894	ug/l	99
14) Allyl chloride	4.66	41	85882	23.070	ug/l	99
15) Acrylonitrile	5.38	53	54813	95.247	ug/l	99
16) Acetone	4.14	43	56628	109.499	ug/l	99
17) Carbon Disulfide	4.37	76	160536	22.869	ug/l	99
18) Methyl Acetate	4.68	43	25357	17.391	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	86529	19.557	ug/l	97
20) Methylene Chloride	4.90	84	62906	22.553	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	54268	21.408	ug/l	97
22) Diisopropyl ether	6.31	45	168512	20.590	ug/l	97
23) Vinyl Acetate	6.26	43	487026	97.483	ug/l	100
24) 1,1-Dichloroethane	6.21	63	101988	20.604	ug/l	99
25) 2-Butanone	7.18	43	75225	92.870	ug/l	98
26) 2,2-Dichloropropane	7.17	77	64208	23.915	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	56727	20.237	ug/l	99
28) Bromochloromethane	7.51	49	42288	19.178	ug/l	99
29) Tetrahydrofuran	7.54	42	45690	87.747	ug/l	98
30) Chloroform	7.68	83	101348	20.071	ug/l	99
31) Cyclohexane	7.96	56	94560	21.739	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	81921	21.317	ug/l	98
36) 1,1-Dichloropropene	8.09	75	83508	22.523	ug/l	99
37) Ethyl Acetate	7.26	43	33953	18.820	ug/l	98
38) Carbon Tetrachloride	8.07	117	80007	22.695	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96042	23.651	ug/l	99
40) Benzene	8.32	78	232126	21.899	ug/l	99
41) Methacrylonitrile	7.49	41	20389	19.647	ug/l	96
42) 1,2-Dichloroethane	8.40	62	69423	20.237	ug/l	100
43) Isopropyl Acetate	8.43	43	65009	19.013	ug/l	99
44) Trichloroethene	9.09	130	58610	21.933	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58319	21.160	ug/l	99
46) Dibromomethane	9.46	93	29442	20.316	ug/l	97
47) Bromodichloromethane	9.65	83	73300	20.560	ug/l	100
48) Methyl methacrylate	9.44	41	30483	18.720	ug/l	100
49) 1,4-Dioxane	9.49	88	7947	366.913	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	165580	93.583	ug/l	100
52) Toluene	10.39	92	145672	22.163	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73498	20.647	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	84893	21.126	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	40237	19.991	ug/l	95
56) Ethyl methacrylate	10.65	69	48179	19.615	ug/l	97
57) 1,3-Dichloropropane	10.94	76	70747	20.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	102427	88.199	ug/l	100
59) 2-Hexanone	10.98	43	118032	97.147	ug/l	98
60) Dibromochloromethane	11.13	129	45826	19.504	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36911	19.176	ug/l	98
64) Tetrachloroethene	10.87	164	50871	21.497	ug/l	98
65) Chlorobenzene	11.66	112	152853	21.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	51843	21.036	ug/l	99
67) Ethyl Benzene	11.74	91	272042	22.559	ug/l	100
68) m/p-Xylenes	11.85	106	208459	45.142	ug/l	98
69) o-Xylene	12.17	106	95487	22.409	ug/l	99
70) Styrene	12.19	104	161329	22.265	ug/l	100
71) Bromoform	12.35	173	27482	20.206	ug/l #	99
73) Isopropylbenzene	12.47	105	272455	23.279	ug/l	100
74) N-amyl acetate	12.28	43	60971	19.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47493	20.017	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31941m	18.822	ug/l	
77) Bromobenzene	12.75	156	63157	21.737	ug/l	98
78) n-propylbenzene	12.81	91	344411	23.443	ug/l	99
79) 2-Chlorotoluene	12.90	91	195330	23.142	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	234692	23.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14658	21.129	ug/l	97
82) 4-Chlorotoluene	12.99	91	205295	22.619	ug/l	100
83) tert-Butylbenzene	13.21	119	193606	23.273	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	240319	22.933	ug/l	98
85) sec-Butylbenzene	13.39	105	295246	23.725	ug/l	99
86) p-Isopropyltoluene	13.51	119	254898	23.440	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	128995	21.913	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129561	21.887	ug/l	99
89) n-Butylbenzene	13.83	91	251745	23.535	ug/l	99
90) Hexachloroethane	14.10	117	45523	21.733	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	115324	21.766	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7716	18.788	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	77659	21.654	ug/l	99
94) Hexachlorobutadiene	15.25	225	46816	22.821	ug/l	97
95) Naphthalene	15.38	128	127791	19.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69142	21.531	ug/l	99

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

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