

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003580.D
 Acq On : 26 Jun 2018 21:05
 Operator : SY/AP
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:46:51 AM

Quant Time: Jun 27 07:57:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120125	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
35) Dibromofluoromethane	7.88	113	103183	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
50) Toluene-d8	10.33	98	413709	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
62) 4-Bromofluorobenzene	12.62	95	148334	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	12755	21.47	ug/l	92
3) Chloromethane	2.21	50	32263	21.50	ug/l	95
4) Vinyl Chloride	2.36	62	45364	20.74	ug/l	97
5) Bromomethane	2.78	94	30567	21.02	ug/l	96
6) Chloroethane	2.92	64	31429	20.64	ug/l	98
7) Trichlorofluoromethane	3.25	101	27939	21.32	ug/l	100
8) Diethyl Ether	3.68	74	21956	22.80	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40307	22.15	ug/l	98
10) Methyl Iodide	4.26	142	58956	21.42	ug/l	99
11) Tert butyl alcohol	5.23	59	13663	119.71	ug/l	99
12) 1,1-Dichloroethene	4.03	96	39358	22.13	ug/l	95
13) Acrolein	3.90	56	12976	79.52	ug/l	99
14) Allyl chloride	4.66	41	68534	22.25	ug/l	98
15) Acrylonitrile	5.38	53	48801	123.19	ug/l	98
16) Acetone	4.15	43	48970	109.72	ug/l	92
17) Carbon Disulfide	4.37	76	114026	21.69	ug/l	98
18) Methyl Acetate	4.68	43	24352	23.00	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	76292	22.90	ug/l	99
20) Methylene Chloride	4.90	84	55793	27.80	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	43487	22.47	ug/l	98
22) Diisopropyl ether	6.31	45	144955	23.38	ug/l	95
23) Vinyl Acetate	6.26	43	414239	115.94	ug/l	99
24) 1,1-Dichloroethane	6.21	63	85089	23.12	ug/l	99
25) 2-Butanone	7.18	43	67145	120.98	ug/l	93
26) 2,2-Dichloropropane	7.17	77	51260	20.87	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47035	22.12	ug/l	96
28) Bromochloromethane	7.51	49	32902	21.48	ug/l	96
29) Tetrahydrofuran	7.54	42	41868	123.43	ug/l	98
30) Chloroform	7.68	83	87875	23.43	ug/l	99
31) Cyclohexane	7.95	56	72881	21.19	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	70587	22.80	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67616	22.61	ug/l	98
37) Ethyl Acetate	7.26	43	29654	23.94	ug/l	100
38) Carbon Tetrachloride	8.07	117	64592	22.02	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72030	20.82	ug/l	94
40) Benzene	8.32	78	188174	22.83	ug/l	97
41) Methacrylonitrile	7.49	41	18137	23.86	ug/l	98
42) 1,2-Dichloroethane	8.40	62	60671	23.50	ug/l	99
43) Isopropyl Acetate	8.43	43	56724	23.06	ug/l	99
44) Trichloroethene	9.09	130	48567	22.24	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48929	23.32	ug/l	97
46) Dibromomethane	9.46	93	25158	23.42	ug/l	98
47) Bromodichloromethane	9.65	83	62992	22.87	ug/l	99
48) Methyl methacrylate	9.44	41	27618	23.89	ug/l	97
49) 1,4-Dioxane	9.49	88	7540	464.80	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	153167	122.21	ug/l	99
52) Toluene	10.39	92	121196	22.93	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61609	21.90	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	70440	22.00	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35379	23.37	ug/l	94
56) Ethyl methacrylate	10.65	69	40786	22.19	ug/l	97
57) 1,3-Dichloropropane	10.93	76	61212	23.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	96911	117.59	ug/l	97
59) 2-Hexanone	10.98	43	104542	119.40	ug/l	99
60) Dibromochloromethane	11.13	129	40790	22.66	ug/l	98
61) 1,2-Dibromoethane	11.24	107	33652	23.50	ug/l	98
64) Tetrachloroethene	10.87	164	43509	22.36	ug/l	96
65) Chlorobenzene	11.66	112	131993	21.79	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	45808	21.52	ug/l	99
67) Ethyl Benzene	11.74	91	229878	21.41	ug/l	99
68) m/p-Xylenes	11.85	106	178329	43.69	ug/l	99
69) o-Xylene	12.17	106	81435	21.53	ug/l	98
70) Styrene	12.19	104	137574	21.85	ug/l	99
71) Bromoform	12.35	173	23867	21.63	ug/l	# 99
73) Isopropylbenzene	12.47	105	226640	20.75	ug/l	99
74) N-amyl acetate	12.28	43	55797	22.44	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42750	23.13	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29675m	22.10	ug/l	
77) Bromobenzene	12.76	156	54399	21.38	ug/l	97
78) n-propylbenzene	12.81	91	285786	21.37	ug/l	100
79) 2-Chlorotoluene	12.90	91	164738	21.79	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	196397	21.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11904	20.40	ug/l	90
82) 4-Chlorotoluene	12.99	91	172406	21.50	ug/l	100
83) tert-Butylbenzene	13.21	119	163898	20.97	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	205203	21.76	ug/l	100
85) sec-Butylbenzene	13.39	105	245874	21.17	ug/l	100
86) p-Isopropyltoluene	13.51	119	215645	21.05	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112828	21.59	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112862	21.72	ug/l	98
89) n-Butylbenzene	13.83	91	206527	20.68	ug/l	100
90) Hexachloroethane	14.10	117	38804	20.94	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	101684	22.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7393	23.77	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	69462	21.61	ug/l	98
94) Hexachlorobutadiene	15.25	225	40899	21.16	ug/l	98
95) Naphthalene	15.38	128	119274	21.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	61574	21.77	ug/l	99

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

