

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003632.D
 Acq On : 28 Jun 2018 12:31
 Operator : SY/AP
 Sample : VW0628SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Manual Integrations
 APPROVED

apatel
 6/29/2018 10:21:58 AM

Quant Time: Jun 29 07:01:22 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	220847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121983	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.88	113	109705	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.33	98	442424	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	158599	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16414	24.58	ug/l	91
3) Chloromethane	2.21	50	34879	20.68	ug/l	95
4) Vinyl Chloride	2.36	62	51288	20.86	ug/l	99
5) Bromomethane	2.79	94	31906	19.52	ug/l	93
6) Chloroethane	2.92	64	35125	20.52	ug/l	98
7) Trichlorofluoromethane	3.25	101	32478	22.04	ug/l	98
8) Diethyl Ether	3.68	74	23038	21.29	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45460	22.22	ug/l	98
10) Methyl Iodide	4.26	142	66416	21.47	ug/l	99
11) Tert butyl alcohol	5.26	59	13037	101.62	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	43805	21.91	ug/l	94
13) Acrolein	3.90	56	11652	63.53	ug/l	97
14) Allyl chloride	4.66	41	74839	21.61	ug/l	99
15) Acrylonitrile	5.38	53	47574	106.84	ug/l	97
16) Acetone	4.15	43	56015	111.65	ug/l	94
17) Carbon Disulfide	4.37	76	126704	21.44	ug/l	96
18) Methyl Acetate	4.68	43	24560	20.64	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	77674	20.74	ug/l	98
20) Methylene Chloride	4.91	84	50343	21.53	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	47843	21.99	ug/l	94
22) Diisopropyl ether	6.31	45	153396	22.01	ug/l	95
23) Vinyl Acetate	6.26	43	422894	105.29	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92775	22.42	ug/l	98
25) 2-Butanone	7.18	43	67392	108.03	ug/l	97
26) 2,2-Dichloropropane	7.17	77	61350	22.22	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51697	21.63	ug/l	98
28) Bromochloromethane	7.51	49	33321	19.35	ug/l	98
29) Tetrahydrofuran	7.54	42	38451	100.85	ug/l	99
30) Chloroform	7.68	83	95004	22.54	ug/l	99
31) Cyclohexane	7.96	56	83484	21.60	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	78198	22.47	ug/l	98
36) 1,1-Dichloropropene	8.09	75	75231	23.13	ug/l	99
37) Ethyl Acetate	7.26	43	28996	21.51	ug/l	99
38) Carbon Tetrachloride	8.07	117	72709	22.79	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83666	22.23	ug/l	96
40) Benzene	8.32	78	207047	23.09	ug/l	97
41) Methacrylonitrile	7.49	41	19069	23.06	ug/l	92
42) 1,2-Dichloroethane	8.40	62	63326	22.54	ug/l	99
43) Isopropyl Acetate	8.43	43	55404	20.70	ug/l	98
44) Trichloroethene	9.09	130	53564	22.54	ug/l	96
45) 1,2-Dichloropropane	9.37	63	51880	22.72	ug/l	100
46) Dibromomethane	9.46	93	25623	21.92	ug/l	98
47) Bromodichloromethane	9.65	83	66770	22.28	ug/l	98
48) Methyl methacrylate	9.44	41	27101	21.55	ug/l	97
49) 1,4-Dioxane	9.49	88	7412	419.95	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	143080	104.93	ug/l	99
52) Toluene	10.39	92	130991	22.78	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	66659	21.78	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	76935	22.08	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36751	22.31	ug/l	96
56) Ethyl methacrylate	10.65	69	40281	20.14	ug/l	97
57) 1,3-Dichloropropane	10.94	76	62929	22.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	95089	106.05	ug/l	98
59) 2-Hexanone	10.98	43	105273	110.51	ug/l	98
60) Dibromochloromethane	11.13	129	42963	21.93	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34134	21.91	ug/l	98
64) Tetrachloroethene	10.87	164	45904	22.07	ug/l	98
65) Chlorobenzene	11.66	112	143163	22.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	48975	21.52	ug/l	98
67) Ethyl Benzene	11.74	91	254056	22.13	ug/l	99
68) m/p-Xylenes	11.85	106	196362	45.00	ug/l	100
69) o-Xylene	12.17	106	88480	21.88	ug/l	98
70) Styrene	12.19	104	150851	22.41	ug/l	99
71) Bromoform	12.35	173	24440	20.72	ug/l #	99
73) Isopropylbenzene	12.47	105	252803	21.68	ug/l	99
74) N-amyl acetate	12.28	43	53715	20.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42487	21.54	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29682m	20.71	ug/l	
77) Bromobenzene	12.76	156	58943	21.71	ug/l	98
78) n-propylbenzene	12.81	91	321537	22.52	ug/l	99
79) 2-Chlorotoluene	12.90	91	177624	22.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	218712	22.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12326	19.79	ug/l	93
82) 4-Chlorotoluene	12.99	91	190429	22.25	ug/l	100
83) tert-Butylbenzene	13.21	119	181936	21.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225364	22.39	ug/l	100
85) sec-Butylbenzene	13.39	105	276944	22.34	ug/l	100
86) p-Isopropyltoluene	13.51	119	243129	22.23	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123873	22.21	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	122368	22.07	ug/l	98
89) n-Butylbenzene	13.84	91	239140	22.44	ug/l	99
90) Hexachloroethane	14.10	117	43481	21.98	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	108659	22.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7076	21.32	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76074	22.18	ug/l	98
94) Hexachlorobutadiene	15.25	225	45890	22.24	ug/l	98
95) Naphthalene	15.38	128	118709	20.40	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	64581	21.39	ug/l	100

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

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