

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004617.D
 Acq On : 11 Aug 2018 01:34
 Operator : SY/AP
 Sample : VW0813SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBSD02

Manual Integrations
 APPROVED

apatel
 8/13/2018 1:00:31 PM

Quant Time: Aug 11 03:48:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	602349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	962651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	928171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	490174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	338245	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.88	113	324271	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.33	98	1274812	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.62	95	462489	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	83396	20.17	ug/l	98
3) Chloromethane	2.22	50	114855	19.94	ug/l	100
4) Vinyl Chloride	2.37	62	170493	21.19	ug/l	96
5) Bromomethane	2.78	94	103255	22.04	ug/l	98
6) Chloroethane	2.93	64	101873	21.19	ug/l	94
7) Trichlorofluoromethane	3.25	101	70558	23.75	ug/l	98
8) Diethyl Ether	3.67	74	76989	20.48	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133926	20.41	ug/l	99
10) Methyl Iodide	4.26	142	211688	21.50	ug/l	100
11) Tert butyl alcohol	5.20	59	40419	103.53	ug/l	99
12) 1,1-Dichloroethene	4.04	96	133512	20.21	ug/l	97
13) Acrolein	3.89	56	45115	94.31	ug/l	99
14) Allyl chloride	4.66	41	208762	21.04	ug/l	99
15) Acrylonitrile	5.37	53	169383	101.41	ug/l	99
16) Acetone	4.14	43	167139	100.37	ug/l	98
17) Carbon Disulfide	4.37	76	437515	20.61	ug/l	99
18) Methyl Acetate	4.68	43	81978	19.74	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	179553	19.93	ug/l	95
20) Methylene Chloride	4.91	84	196795	18.64	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	147885	20.77	ug/l	95
22) Diisopropyl ether	6.31	45	448401	21.99	ug/l	98
23) Vinyl Acetate	6.26	43	1188858	96.99	ug/l	100
24) 1,1-Dichloroethane	6.21	63	272091	20.84	ug/l	99
25) 2-Butanone	7.18	43	253750	94.73	ug/l	99
26) 2,2-Dichloropropane	7.17	77	139895	20.42	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	161816	21.13	ug/l	100
28) Bromochloromethane	7.51	49	119596	21.06	ug/l	99
29) Tetrahydrofuran	7.54	42	131086	94.66	ug/l	99
30) Chloroform	7.68	83	271118	21.14	ug/l	100
31) Cyclohexane	7.96	56	241445	19.33	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	202425	21.02	ug/l	99
36) 1,1-Dichloropropene	8.09	75	202838	19.57	ug/l	99
37) Ethyl Acetate	7.26	43	90424	18.63	ug/l	100
38) Carbon Tetrachloride	8.07	117	183244	19.65	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	237448	18.69	ug/l	97
40) Benzene	8.32	78	626958	20.60	ug/l	100
41) Methacrylonitrile	7.49	41	51089	18.84	ug/l	99
42) 1,2-Dichloroethane	8.40	62	169420	20.12	ug/l	100
43) Isopropyl Acetate	8.43	43	157917	18.66	ug/l	99
44) Trichloroethene	9.09	130	149462	19.98	ug/l	96
45) 1,2-Dichloropropane	9.37	63	159298	20.90	ug/l	97
46) Dibromomethane	9.46	93	78073	20.12	ug/l	99
47) Bromodichloromethane	9.65	83	182193	19.89	ug/l	99
48) Methyl methacrylate	9.44	41	75084	18.99	ug/l	98
49) 1,4-Dioxane	9.46	88	24622	415.90	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	558582	94.84	ug/l	100
52) Toluene	10.39	92	378330	21.08	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	176866	19.23	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	212647	19.84	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	112099	20.16	ug/l	97
56) Ethyl methacrylate	10.65	69	125845	18.90	ug/l	98
57) 1,3-Dichloropropane	10.93	76	193704	20.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	327111	98.14	ug/l	99
59) 2-Hexanone	10.98	43	372841	93.36	ug/l	97
60) Dibromochloromethane	11.13	129	119439	19.74	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104298	19.96	ug/l	100
64) Tetrachloroethene	10.87	164	132422	20.45	ug/l	97
65) Chlorobenzene	11.66	112	418398	20.45	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	139827	20.08	ug/l	99
67) Ethyl Benzene	11.74	91	697995	20.13	ug/l	98
68) m/p-Xylenes	11.85	106	550302	41.06	ug/l	99
69) o-Xylene	12.17	106	253542	20.40	ug/l	99
70) Styrene	12.18	104	436003	20.76	ug/l	100
71) Bromoform	12.35	173	71984	18.80	ug/l #	99
73) Isopropylbenzene	12.47	105	686673	20.25	ug/l	99
74) N-amyl acetate	12.28	43	148315	18.04	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	135660	19.17	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	88374m	17.42	ug/l	
77) Bromobenzene	12.75	156	169173	20.62	ug/l	98
78) n-propylbenzene	12.81	91	866110	20.70	ug/l	100
79) 2-Chlorotoluene	12.90	91	503490	20.80	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	606810	20.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36915	17.42	ug/l	98
82) 4-Chlorotoluene	12.99	91	538467	20.96	ug/l	99
83) tert-Butylbenzene	13.21	119	493742	20.35	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	628461	20.99	ug/l	99
85) sec-Butylbenzene	13.39	105	742781	20.30	ug/l	100
86) p-Isopropyltoluene	13.51	119	651863	20.55	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	346741	20.51	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	345251	20.52	ug/l	99
89) n-Butylbenzene	13.83	91	621612	19.95	ug/l	99
90) Hexachloroethane	14.10	117	116328	19.83	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	314819	20.53	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21526	18.61	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	216010	20.35	ug/l	100
94) Hexachlorobutadiene	15.24	225	126395	20.45	ug/l	100
95) Naphthalene	15.38	128	378180	19.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	195972	20.54	ug/l	99

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

