

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004861.D
 Acq On : 22 Aug 2018 01:54
 Operator : SY/AP
 Sample : VW0821SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:25:34 AM

Quant Time: Aug 22 07:26:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	592833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	918919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	861001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	450990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	294672	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.88	113	301204	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.33	98	1207540	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.62	95	430250	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72150	18.37	ug/l	96
3) Chloromethane	2.21	50	101544	19.78	ug/l	99
4) Vinyl Chloride	2.37	62	164895	21.82	ug/l	100
5) Bromomethane	2.78	94	102666	22.00	ug/l	98
6) Chloroethane	2.93	64	100863	22.12	ug/l	97
7) Trichlorofluoromethane	3.26	101	79395	22.30	ug/l	99
8) Diethyl Ether	3.67	74	69535	21.60	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130446	21.28	ug/l	97
10) Methyl Iodide	4.26	142	206033	22.13	ug/l	99
11) Tert butyl alcohol	5.23	59	27520	85.94	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	130681	21.39	ug/l	96
13) Acrolein	3.90	56	39478	91.87	ug/l	100
14) Allyl chloride	4.66	41	198967	21.46	ug/l	99
15) Acrylonitrile	5.38	53	136978	101.47	ug/l	100
16) Acetone	4.14	43	130590	89.25	ug/l	98
17) Carbon Disulfide	4.37	76	428125	21.32	ug/l	99
18) Methyl Acetate	4.67	43	66825	21.31	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	170216	21.46	ug/l	100
20) Methylene Chloride	4.92	84	162672	21.93	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	141252	21.73	ug/l	97
22) Diisopropyl ether	6.31	45	407305	22.86	ug/l	100
23) Vinyl Acetate	6.26	43	1028925	102.08	ug/l	100
24) 1,1-Dichloroethane	6.21	63	257663	22.25	ug/l	99
25) 2-Butanone	7.18	43	193331	92.74	ug/l	97
26) 2,2-Dichloropropane	7.17	77	135564	20.27	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	151850	21.70	ug/l	100
28) Bromochloromethane	7.51	49	101960	20.91	ug/l	100
29) Tetrahydrofuran	7.54	42	102148	96.09	ug/l	98
30) Chloroform	7.68	83	251122	22.05	ug/l	99
31) Cyclohexane	7.96	56	233445	20.84	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	202844	22.47	ug/l	98
36) 1,1-Dichloropropene	8.09	75	201262	21.26	ug/l	99
37) Ethyl Acetate	7.26	43	74861	19.84	ug/l	98
38) Carbon Tetrachloride	8.07	117	181238	20.80	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241097	20.37	ug/l	99
40) Benzene	8.32	78	593815	21.58	ug/l	99
41) Methacrylonitrile	7.49	41	44536	20.80	ug/l	99
42) 1,2-Dichloroethane	8.40	62	148895	21.11	ug/l	100
43) Isopropyl Acetate	8.43	43	133232	19.66	ug/l	99
44) Trichloroethene	9.10	130	147542	21.13	ug/l	98
45) 1,2-Dichloropropane	9.37	63	143370	21.30	ug/l	98
46) Dibromomethane	9.46	93	68716	20.61	ug/l	100
47) Bromodichloromethane	9.65	83	167725	21.07	ug/l	99
48) Methyl methacrylate	9.44	41	61994	19.49	ug/l	96
49) 1,4-Dioxane	9.48	88	19563	401.64	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	451281	98.51	ug/l	99
52) Toluene	10.39	92	363130	22.01	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	163793	20.42	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	199304	20.84	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101562	21.43	ug/l	98
56) Ethyl methacrylate	10.65	69	111766	19.96	ug/l	100
57) 1,3-Dichloropropane	10.94	76	173263	21.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	272740	104.21	ug/l	98
59) 2-Hexanone	10.98	43	295999	95.36	ug/l	99
60) Dibromochloromethane	11.13	129	111238	20.92	ug/l	99
61) 1,2-Dibromoethane	11.24	107	93304	20.60	ug/l	99
64) Tetrachloroethene	10.87	164	131240	22.30	ug/l	98
65) Chlorobenzene	11.66	112	404502	21.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	131994	21.09	ug/l	99
67) Ethyl Benzene	11.74	91	671946	21.39	ug/l	99
68) m/p-Xylenes	11.85	106	538200	44.03	ug/l	100
69) o-Xylene	12.17	106	247097	21.84	ug/l	99
70) Styrene	12.19	104	415441	21.86	ug/l	100
71) Bromoform	12.35	173	66353	20.09	ug/l #	97
73) Isopropylbenzene	12.47	105	679502	22.15	ug/l	100
74) N-amyl acetate	12.28	43	125897	20.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	118449	20.84	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78980m	19.87	ug/l	
77) Bromobenzene	12.75	156	161878	21.80	ug/l	99
78) n-propylbenzene	12.81	91	834264	22.28	ug/l	100
79) 2-Chlorotoluene	12.90	91	478343	22.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	589793	22.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32116	18.78	ug/l	96
82) 4-Chlorotoluene	12.99	91	508933	22.20	ug/l	100
83) tert-Butylbenzene	13.21	119	487743	21.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	602912	22.48	ug/l	100
85) sec-Butylbenzene	13.39	105	736414	22.12	ug/l	99
86) p-Isopropyltoluene	13.51	119	643038	22.20	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	331712	21.96	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	325184	21.54	ug/l	99
89) n-Butylbenzene	13.83	91	593728	21.20	ug/l	99
90) Hexachloroethane	14.10	117	112631	21.33	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	294813	21.73	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17126	19.28	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	202728	21.13	ug/l	100
94) Hexachlorobutadiene	15.24	225	127416	21.63	ug/l	99
95) Naphthalene	15.38	128	330212	20.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	180167	21.17	ug/l	99

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

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