

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005179.D
 Acq On : 06 Sep 2018 21:49
 Operator : SY/AP
 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Manual Integrations
 APPROVED

apatel
 9/7/2018 12:29:19 PM

Quant Time: Sep 07 01:30:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	437038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	657307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	654677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	366576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	218709	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.89	113	206694	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
50) Toluene-d8	10.33	98	939273	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.62	95	351043	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	81828	23.23	ug/l	99
3) Chloromethane	2.21	50	121143	23.70	ug/l	100
4) Vinyl Chloride	2.35	62	109778	22.09	ug/l	99
5) Bromomethane	2.75	94	87967	26.83	ug/l	94
6) Chloroethane	2.91	64	63869	20.65	ug/l	98
7) Trichlorofluoromethane	3.26	101	123152	22.03	ug/l	99
8) Diethyl Ether	3.69	74	48273	23.86	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	82731	21.54	ug/l	99
10) Methyl Iodide	4.28	142	29685	8.60	ug/l	98
11) Tert butyl alcohol	5.19	59	36951	183.81	ug/l	99
12) 1,1-Dichloroethene	4.04	96	75961	21.49	ug/l	99
13) Acrolein	3.90	56	27037	114.98	ug/l	97
14) Allyl chloride	4.68	41	121254	21.95	ug/l	98
15) Acrylonitrile	5.38	53	114293	133.96	ug/l	100
16) Acetone	4.13	43	100300	138.05	ug/l	96
17) Carbon Disulfide	4.38	76	268524	21.81	ug/l	98
18) Methyl Acetate	4.68	43	57212	26.77	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	218167	25.42	ug/l	98
20) Methylene Chloride	4.92	84	111570	20.43	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	91490	21.25	ug/l	97
22) Diisopropyl ether	6.32	45	279334	24.03	ug/l	98
23) Vinyl Acetate	6.26	43	796965	130.52	ug/l	99
24) 1,1-Dichloroethane	6.23	63	160218	22.05	ug/l	99
25) 2-Butanone	7.18	43	175423	139.20	ug/l	97
26) 2,2-Dichloropropane	7.17	77	119904	20.08	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	101562	21.56	ug/l	98
28) Bromochloromethane	7.52	49	68419	23.39	ug/l	97
29) Tetrahydrofuran	7.54	42	92378	143.46	ug/l	98
30) Chloroform	7.68	83	164749	22.22	ug/l	96
31) Cyclohexane	7.96	56	156464	21.99	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	136467	21.13	ug/l	100
36) 1,1-Dichloropropene	8.09	75	137803	22.01	ug/l	98
37) Ethyl Acetate	7.26	43	67279	28.74	ug/l	99
38) Carbon Tetrachloride	8.07	117	120579	20.26	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	154789	20.45	ug/l	95
40) Benzene	8.33	78	409311	21.36	ug/l	98
41) Methacrylonitrile	7.49	41	32111	23.67	ug/l	90
42) 1,2-Dichloroethane	8.41	62	104714	22.33	ug/l	100
43) Isopropyl Acetate	8.43	43	112680	26.45	ug/l	99
44) Trichloroethene	9.10	130	108164	20.92	ug/l	97
45) 1,2-Dichloropropane	9.38	63	103715	22.15	ug/l	97
46) Dibromomethane	9.46	93	50825	22.70	ug/l	97
47) Bromodichloromethane	9.65	83	123139	21.85	ug/l	100
48) Methyl methacrylate	9.44	41	51647	25.18	ug/l	98
49) 1,4-Dioxane	9.46	88	18372	507.47	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	394266	138.09	ug/l	99
52) Toluene	10.40	92	268562	20.68	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	124983	22.56	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	151639	22.51	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	82404	23.77	ug/l	99
56) Ethyl methacrylate	10.65	69	95328	24.11	ug/l	97
57) 1,3-Dichloropropane	10.94	76	136022	23.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	252376	134.69	ug/l	99
59) 2-Hexanone	10.98	43	268698	139.14	ug/l	99
60) Dibromochloromethane	11.13	129	89534	22.85	ug/l	99
61) 1,2-Dibromoethane	11.24	107	74219	23.72	ug/l	99
64) Tetrachloroethene	10.87	164	101908	19.84	ug/l	98
65) Chlorobenzene	11.66	112	302148	20.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	94459	20.97	ug/l	98
67) Ethyl Benzene	11.74	91	499427	20.04	ug/l	100
68) m/p-Xylenes	11.85	106	409963	41.09	ug/l	99
69) o-Xylene	12.17	106	190156	20.62	ug/l	99
70) Styrene	12.19	104	320689	21.05	ug/l	100
71) Bromoform	12.35	173	54238	22.72	ug/l #	99
73) Isopropylbenzene	12.47	105	503778	19.49	ug/l	100
74) N-amyl acetate	12.28	43	109684	24.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94158	23.93	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	65515m	23.81	ug/l	
77) Bromobenzene	12.76	156	126779	19.91	ug/l	96
78) n-propylbenzene	12.81	91	626476	20.08	ug/l	99
79) 2-Chlorotoluene	12.90	91	362170	19.89	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	443929	19.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26208	22.92	ug/l	98
82) 4-Chlorotoluene	12.99	91	386767	20.12	ug/l	99
83) tert-Butylbenzene	13.21	119	369520	19.80	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	460616	20.23	ug/l	100
85) sec-Butylbenzene	13.39	105	542695	19.78	ug/l	100
86) p-Isopropyltoluene	13.51	119	484320	19.94	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	259998	19.87	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	261130	20.12	ug/l	98
89) n-Butylbenzene	13.83	91	448796	19.94	ug/l	99
90) Hexachloroethane	14.10	117	78742	19.52	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	235182	20.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14636	23.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	160636	21.01	ug/l	99
94) Hexachlorobutadiene	15.25	225	94932	19.96	ug/l	99
95) Naphthalene	15.38	128	282809	23.67	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	146087	22.33	ug/l	100

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

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