

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005157.D
 Acq On : 06 Sep 2018 12:26
 Operator : SY/AP
 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 14:06:01 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	530802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	769504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	751414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	415134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	239490	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.89	113	228208	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.33	98	1076221	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	402030	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	102828	24.04	ug/l	99
3) Chloromethane	2.21	50	147036	23.69	ug/l	99
4) Vinyl Chloride	2.35	62	141630	23.46	ug/l	99
5) Bromomethane	2.76	94	77399	17.89	ug/l	99
6) Chloroethane	2.91	64	78744	20.96	ug/l	100
7) Trichlorofluoromethane	3.25	101	157058	23.13	ug/l	99
8) Diethyl Ether	3.69	74	55211	22.47	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105905	22.71	ug/l	98
10) Methyl Iodide	4.27	142	95015	16.41	ug/l	100
11) Tert butyl alcohol	5.21	59	44340	181.36	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	94773	22.08	ug/l	96
13) Acrolein	3.90	56	34388	120.41	ug/l	99
14) Allyl chloride	4.68	41	152705	22.76	ug/l	98
15) Acrylonitrile	5.38	53	128247	123.76	ug/l	99
16) Acetone	4.14	43	120909	137.02	ug/l	95
17) Carbon Disulfide	4.38	76	341444	22.83	ug/l	99
18) Methyl Acetate	4.68	43	58860	22.67	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	248203	23.81	ug/l	99
20) Methylene Chloride	4.92	84	169698	26.65	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	109773	20.99	ug/l	96
22) Diisopropyl ether	6.32	45	326838	23.15	ug/l	97
23) Vinyl Acetate	6.26	43	939794	126.73	ug/l	99
24) 1,1-Dichloroethane	6.23	63	192392	21.80	ug/l	99
25) 2-Butanone	7.18	43	199683	130.46	ug/l	99
26) 2,2-Dichloropropane	7.17	77	165914	22.88	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	119980	20.97	ug/l	95
28) Bromochloromethane	7.52	49	81025	22.81	ug/l	94
29) Tetrahydrofuran	7.54	42	100427	128.41	ug/l	98
30) Chloroform	7.68	83	189702	21.06	ug/l	98
31) Cyclohexane	7.96	56	205395	23.77	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	167572	21.36	ug/l	99
36) 1,1-Dichloropropene	8.09	75	166902	22.77	ug/l	98
37) Ethyl Acetate	7.26	43	72757	26.55	ug/l	100
38) Carbon Tetrachloride	8.07	117	148604	21.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197059	22.23	ug/l	97
40) Benzene	8.33	78	479073	21.35	ug/l	99
41) Methacrylonitrile	7.49	41	39967	25.17	ug/l	97
42) 1,2-Dichloroethane	8.41	62	118173	21.52	ug/l	100
43) Isopropyl Acetate	8.43	43	125866	25.24	ug/l	100
44) Trichloroethene	9.10	130	127256	21.02	ug/l	99
45) 1,2-Dichloropropane	9.37	63	120212	21.93	ug/l	100
46) Dibromomethane	9.46	93	57087	21.78	ug/l	97
47) Bromodichloromethane	9.65	83	141012	21.37	ug/l	97
48) Methyl methacrylate	9.45	41	59050	24.59	ug/l	94
49) 1,4-Dioxane	9.46	88	20131	474.98	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	440641	131.83	ug/l	99
52) Toluene	10.39	92	324075	21.32	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	147628	22.77	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	178492	22.63	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	90445	22.29	ug/l	98
56) Ethyl methacrylate	10.65	69	110504	23.87	ug/l	99
57) 1,3-Dichloropropane	10.94	76	151972	22.75	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	262808	119.80	ug/l	98
59) 2-Hexanone	10.98	43	308061	136.27	ug/l	99
60) Dibromochloromethane	11.13	129	99021	21.59	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81629	22.28	ug/l	99
64) Tetrachloroethene	10.87	164	115276	19.55	ug/l	98
65) Chlorobenzene	11.66	112	354205	20.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	108123	20.92	ug/l	99
67) Ethyl Benzene	11.74	91	615264	21.51	ug/l	100
68) m/p-Xylenes	11.85	106	500055	43.67	ug/l	99
69) o-Xylene	12.17	106	227970	21.53	ug/l	100
70) Styrene	12.19	104	380191	21.74	ug/l	99
71) Bromoform	12.35	173	59497	21.72	ug/l #	98
73) Isopropylbenzene	12.47	105	617554	21.10	ug/l	100
74) N-amyl acetate	12.28	43	124744	24.75	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	104504	23.45	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	67899m	21.79	ug/l	
77) Bromobenzene	12.75	156	146453	20.31	ug/l	96
78) n-propylbenzene	12.81	91	756932	21.42	ug/l	100
79) 2-Chlorotoluene	12.90	91	435466	21.12	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	534587	21.12	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29758	22.99	ug/l	96
82) 4-Chlorotoluene	12.99	91	465112	21.37	ug/l	99
83) tert-Butylbenzene	13.21	119	444778	21.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	544653	21.13	ug/l	99
85) sec-Butylbenzene	13.39	105	669349	21.55	ug/l	99
86) p-Isopropyltoluene	13.51	119	588968	21.42	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	306722	20.70	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	302146	20.56	ug/l	99
89) n-Butylbenzene	13.83	91	549798	21.57	ug/l	99
90) Hexachloroethane	14.10	117	92321	20.21	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	271843	21.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16793	24.12	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185568	21.43	ug/l	99
94) Hexachlorobutadiene	15.25	225	111912	20.78	ug/l	99
95) Naphthalene	15.38	128	306387	22.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	163338	22.04	ug/l	99

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

