Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072318\
Data File : VW004131.D
Acq On : 23 Jul 2018 12:36
Operator : SY/AP
Sample : VW0723SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Manual Integrations APPROVED
apatel
7/24/2018 11:49:42 AM

Quant Time: Jul 23 15:17:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	210816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158459	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.22%			
35) Dibromofluoromethane	7.88	113	145635	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
50) Toluene-d8	10.33	98	575111	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.84%			
62) 4-Bromofluorobenzene	12.62	95	202094	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	26195	16.65	ug/l	98
3) Chloromethane	2.21	50	43716	21.12	ug/l	97
4) Vinyl Chloride	2.36	62	57237	20.10	ug/l	100
5) Bromomethane	2.76	94	34326	19.29	ug/l	99
6) Chloroethane	2.92	64	30534	18.87	ug/l	98
7) Trichlorofluoromethane	3.25	101	28064	23.48	ug/l	99
8) Diethyl Ether	3.67	74	29329	21.14	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	55889	20.26	ug/l	98
10) Methyl Iodide	4.26	142	80636	20.35	ug/l	100
11) Tert butyl alcohol	5.21	59	18298	84.66	ug/l	95
12) 1,1-Dichloroethene	4.03	96	55311	20.32	ug/l	95
13) Acrolein	3.89	56	20164	90.80	ug/l	99
14) Allyl chloride	4.66	41	96898	21.57	ug/l	98
15) Acrylonitrile	5.37	53	69687	98.00	ug/l	98
16) Acetone	4.13	43	68889	91.57	ug/l	95
17) Carbon Disulfide	4.37	76	176551	20.78	ug/l	100
18) Methyl Acetate	4.67	43	34335	19.01	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	102266	19.60	ug/l	99
20) Methylene Chloride	4.91	84	71503	16.22	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	60996	20.44	ug/l	96
22) Diisopropyl ether	6.31	45	192746	21.23	ug/l	98
23) Vinyl Acetate	6.26	43	564806	98.17	ug/l	99
24) 1,1-Dichloroethane	6.21	63	115915	20.92	ug/l	99
25) 2-Butanone	7.18	43	94420	93.26	ug/l	99
26) 2,2-Dichloropropane	7.17	77	69764	21.94	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	65006	20.15	ug/l	99
28) Bromochloromethane	7.51	49	47411	20.91	ug/l	97
29) Tetrahydrofuran	7.54	42	59208	93.89	ug/l	98
30) Chloroform	7.68	83	114773	20.83	ug/l	97
31) Cyclohexane	7.95	56	103646	19.96	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	90670	21.07	ug/l	100
36) 1,1-Dichloropropene	8.08	75	92113	20.70	ug/l	99
37) Ethyl Acetate	7.26	43	41387	19.28	ug/l	99
38) Carbon Tetrachloride	8.07	117	85921	20.67	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	102932	19.75	ug/l		99
40) Benzene	8.32	78	261115	21.15	ug/l		98
41) Methacrylonitrile	7.48	41	22933	19.29	ug/l		92
42) 1,2-Dichloroethane	8.40	62	77251	20.51	ug/l		100
43) Isopropyl Acetate	8.43	43	75619	18.84	ug/l		99
44) Trichloroethene	9.09	130	66160	20.68	ug/l		98
45) 1,2-Dichloropropane	9.37	63	66046	20.96	ug/l		97
46) Dibromomethane	9.46	93	32853	20.10	ug/l		99
47) Bromodichloromethane	9.65	83	82108	20.37	ug/l		98
48) Methyl methacrylate	9.44	41	36167	18.63	ug/l		94
49) 1,4-Dioxane	9.46	88	10257	408.15	ug/l		97
51) 4-Methyl-2-Pentanone	10.21	43	202350	94.62	ug/l		99
52) Toluene	10.39	92	164047	21.49	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	84159	19.97	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	97404	20.20	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	47458	20.64	ug/l		99
56) Ethyl methacrylate	10.65	69	55977	18.96	ug/l		97
57) 1,3-Dichloropropane	10.94	76	79662	19.94	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	139511	102.28	ug/l		99
59) 2-Hexanone	10.98	43	140694	93.35	ug/l		98
60) Dibromochloromethane	11.13	129	53127	19.84	ug/l		99
61) 1,2-Dibromoethane	11.24	107	44695	20.43	ug/l		99
64) Tetrachloroethene	10.87	164	55463	20.73	ug/l		98
65) Chlorobenzene	11.66	112	170137	20.52	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57539	19.97	ug/l		98
67) Ethyl Benzene	11.74	91	289783	19.89	ug/l		100
68) m/p-Xylenes	11.84	106	230748	41.44	ug/l		97
69) o-Xylene	12.17	106	105963	20.52	ug/l		99
70) Styrene	12.19	104	181654	21.06	ug/l		99
71) Bromoform	12.35	173	31693	19.48	ug/l	#	98
73) Isopropylbenzene	12.47	105	294307	19.76	ug/l		98
74) N-amyl acetate	12.28	43	69356	17.87	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.72	83	56484	19.61	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	37389m	17.86	ug/l		
77) Bromobenzene	12.76	156	70195	19.69	ug/l		99
78) n-propylbenzene	12.81	91	366199	20.04	ug/l		100
79) 2-Chlorotoluene	12.90	91	209693	20.34	ug/l		98
80) 1,3,5-Trimethylbenzene	12.95	105	254095	20.27	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	17408	18.40	ug/l		95
82) 4-Chlorotoluene	12.99	91	225091	20.35	ug/l		100
83) tert-Butylbenzene	13.21	119	208226	19.78	ug/l		97
84) 1,2,4-Trimethylbenzene	13.26	105	262445	20.35	ug/l		99
85) sec-Butylbenzene	13.39	105	312571	20.02	ug/l		100
86) p-Isopropyltoluene	13.51	119	277470	20.26	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	144481	20.29	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	139177	19.49	ug/l		98
89) n-Butylbenzene	13.83	91	264161	19.62	ug/l		99
90) Hexachloroethane	14.10	117	50322	19.93	ug/l		99
91) 1,2-Dichlorobenzene	13.88	146	126856	20.00	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9464	18.47	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	88083	19.77	ug/l	98
94) Hexachlorobutadiene	15.25	225	51946	20.31	ug/l	98
95) Naphthalene	15.38	128	148372	18.04	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77443	19.63	ug/l	99

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

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