Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073018\
Data File : VW004316.D
Acq On : 29 Jul 2018 16:30
Operator : SY/AP
Sample : VW0730SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS01

Manual Integrations APPROVED
apatel
7/30/2018 10:32:54 AM

Quant Time: Jul 30 04:52:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144238	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.44%			
35) Dibromofluoromethane	7.88	113	131961	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.94%			
50) Toluene-d8	10.33	98	529776	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.54%			
62) 4-Bromofluorobenzene	12.62	95	190620	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	20958	23.31	ug/l	96
3) Chloromethane	2.21	50	27962	21.39	ug/l	96
4) Vinyl Chloride	2.36	62	35333	12.33	ug/l	98
5) Bromomethane	2.77	94	32105	19.61	ug/l	99
6) Chloroethane	2.92	64	29667	19.76	ug/l	91
7) Trichlorofluoromethane	3.25	101	24309	14.78	ug/l	95
8) Diethyl Ether	3.67	74	31005	26.41	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	56202	22.48	ug/l	97
10) Methyl Iodide	4.26	142	76500	20.34	ug/l	99
11) Tert butyl alcohol	5.17	59	22677	127.33	ug/l	99
12) 1,1-Dichloroethene	4.03	96	55932	22.43	ug/l	99
13) Acrolein	3.89	56	17661	109.41	ug/l	98
14) Allyl chloride	4.66	41	87738	21.47	ug/l	99
15) Acrylonitrile	5.37	53	68471	117.78	ug/l	99
16) Acetone	4.12	43	66247	107.71	ug/l	96
17) Carbon Disulfide	4.37	76	162165	20.62	ug/l	98
18) Methyl Acetate	4.67	43	34141	23.54	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	99772	21.66	ug/l	98
20) Methylene Chloride	4.90	84	56948	21.47	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	56319	20.85	ug/l	97
22) Diisopropyl ether	6.31	45	177497	22.23	ug/l	98
23) Vinyl Acetate	6.26	43	519746	112.18	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104218	20.92	ug/l	100
25) 2-Butanone	7.17	43	91153	123.37	ug/l	97
26) 2,2-Dichloropropane	7.17	77	57773	19.36	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	61797	21.57	ug/l	96
28) Bromochloromethane	7.51	49	42067	23.34	ug/l	99
29) Tetrahydrofuran	7.53	42	59732	118.55	ug/l	99
30) Chloroform	7.68	83	103446	21.06	ug/l	97
31) Cyclohexane	7.95	56	93637	20.62	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	83359	20.66	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82662	20.17	ug/l	99
37) Ethyl Acetate	7.26	43	39211	23.35	ug/l	98
38) Carbon Tetrachloride	8.07	117	77853	19.24	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	93993	19.03	ug/l		98
40) Benzene	8.32	78	236105	20.48	ug/l		100
41) Methacrylonitrile	7.49	41	23404	22.46	ug/l		98
42) 1,2-Dichloroethane	8.40	62	69194	20.99	ug/l		100
43) Isopropyl Acetate	8.43	43	73179	24.18	ug/l		97
44) Trichloroethene	9.09	130	60770	19.52	ug/l		99
45) 1,2-Dichloropropane	9.37	63	61172	21.38	ug/l		99
46) Dibromomethane	9.46	93	31724	21.71	ug/l		99
47) Bromodichloromethane	9.65	83	75723	20.43	ug/l		99
48) Methyl methacrylate	9.44	41	34778	22.56	ug/l		97
49) 1,4-Dioxane	9.45	88	10438	471.29	ug/l		99
51) 4-Methyl-2-Pentanone	10.21	43	200083	120.44	ug/l		100
52) Toluene	10.39	92	149437	20.64	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	75671	20.39	ug/l		96
54) cis-1,3-Dichloropropene	10.07	75	90526	20.92	ug/l		97
55) 1,1,2-Trichloroethane	10.79	97	44386	21.32	ug/l		96
56) Ethyl methacrylate	10.65	69	54941	21.81	ug/l		98
57) 1,3-Dichloropropane	10.94	76	77085	21.74	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	130041	116.21	ug/l		99
59) 2-Hexanone	10.98	43	133652	117.17	ug/l		100
60) Dibromochloromethane	11.13	129	50514	20.28	ug/l		99
61) 1,2-Dibromoethane	11.24	107	41684	21.00	ug/l		98
64) Tetrachloroethene	10.87	164	54119	19.88	ug/l		97
65) Chlorobenzene	11.66	112	159985	20.50	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.74	131	55462	20.15	ug/l		98
67) Ethyl Benzene	11.74	91	266063	19.56	ug/l		96
68) m/p-Xylenes	11.85	106	214819	41.04	ug/l		97
69) o-Xylene	12.17	106	100340	20.75	ug/l		97
70) Styrene	12.19	104	170680	20.89	ug/l		98
71) Bromoform	12.35	173	31056	20.13	ug/l	#	100
73) Isopropylbenzene	12.47	105	275265	20.48	ug/l		99
74) N-amyl acetate	12.28	43	70497	22.98	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.72	83	53968	22.92	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	43396m	24.53	ug/l		
77) Bromobenzene	12.75	156	66552	20.49	ug/l		96
78) n-propylbenzene	12.81	91	333076	20.34	ug/l		98
79) 2-Chlorotoluene	12.90	91	196813	21.01	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	238953	20.64	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	16541	21.76	ug/l		98
82) 4-Chlorotoluene	12.99	91	203759	20.56	ug/l		100
83) tert-Butylbenzene	13.21	119	191668	19.87	ug/l		97
84) 1,2,4-Trimethylbenzene	13.26	105	248211	21.02	ug/l		98
85) sec-Butylbenzene	13.39	105	292924	20.79	ug/l		98
86) p-Isopropyltoluene	13.51	119	254821	20.14	ug/l		96
87) 1,3-Dichlorobenzene	13.51	146	136180	20.95	ug/l		99
88) 1,4-Dichlorobenzene	13.59	146	136285	21.01	ug/l		98
89) n-Butylbenzene	13.84	91	245747	20.79	ug/l		99
90) Hexachloroethane	14.10	117	45877	20.32	ug/l		97
91) 1,2-Dichlorobenzene	13.88	146	122005	20.97	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9492	23.09	ug/l		96

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Quant Title : SW846 8260
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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	86096	21.07 ug/l	99
94) Hexachlorobutadiene	15.24	225	48957	19.61 ug/l	99
95) Naphthalene	15.38	128	155007	22.05 ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	77661	21.72 ug/l	99

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

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