Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073018\
Data File : VW004317.D
Acq On : 29 Jul 2018 16:56
Operator : SY/AP
Sample : VW0730SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

Manual Integrations APPROVED
apatel
7/30/2018 10:32:57 AM

Quant Time: Jul 30 04:55:12 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	163579	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	237368	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	211557	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	119440	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	80235	48.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.26%				
35) Dibromofluoromethane	7.88	113	75806	50.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.06%				
50) Toluene-d8	10.33	98	291932	49.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.48%				
62) 4-Bromofluorobenzene	12.62	95	104211	49.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	18162	31.46	ug/l		95
3) Chloromethane	2.21	50	29324	36.32	ug/l		90
4) Vinyl Chloride	2.36	62	41255	28.50	ug/l		96
5) Bromomethane	2.77	94	22473	22.62	ug/l		98
6) Chloroethane	2.92	64	18877	20.30	ug/l		96
7) Trichlorofluoromethane	3.25	101	18836	18.92	ug/l		94
8) Diethyl Ether	3.67	74	20460	28.43	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	35325	22.79	ug/l		95
10) Methyl Iodide	4.26	142	44223	19.00	ug/l		99
11) Tert butyl alcohol	5.18	59	11810	106.22	ug/l	#	82
12) 1,1-Dichloroethene	4.02	96	36914	23.85	ug/l		93
13) Acrolein	3.89	56	11058	110.43	ug/l		97
14) Allyl chloride	4.65	41	37518	15.27	ug/l	#	87
15) Acrylonitrile	5.37	53	30560	85.64	ug/l		98
16) Acetone	4.12	43	29286	80.08	ug/l		100
17) Carbon Disulfide	4.37	76	80447	16.61	ug/l		100
18) Methyl Acetate	4.67	43	14431	16.32	ug/l	#	89
19) Methyl tert-butyl Ether	5.43	73	53579	18.83	ug/l		96
20) Methylene Chloride	4.91	84	29703	17.80	ug/l		90
21) trans-1,2-Dichloroethene	5.41	96	30615	18.25	ug/l		90
22) Diisopropyl ether	6.31	45	75091	15.16	ug/l	#	94
23) Vinyl Acetate	6.25	43	223203	77.67	ug/l	#	92
24) 1,1-Dichloroethane	6.21	63	51153	16.39	ug/l		97
25) 2-Butanone	7.17	43	37157	81.08	ug/l		97
26) 2,2-Dichloropropane	7.17	77	32067	17.33	ug/l		99
27) cis-1,2-Dichloroethene	7.17	96	32839	18.48	ug/l		93
28) Bromochloromethane	7.51	49	18091	16.18	ug/l	#	67
29) Tetrahydrofuran	7.53	42	23496	76.16	ug/l	#	87
30) Chloroform	7.67	83	56487	18.54	ug/l		96
31) Cyclohexane	7.95	56	44041	15.63	ug/l	#	84
32) 1,1,1-Trichloroethane	7.87	97	47085	18.82	ug/l		97
36) 1,1-Dichloropropene	8.08	75	41632	17.53	ug/l		96
37) Ethyl Acetate	7.26	43	16932	17.40	ug/l	#	98
38) Carbon Tetrachloride	8.07	117	46040	19.64	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	50427	17.62	ug/l		92
40) Benzene	8.32	78	121472	18.18	ug/l		99
41) Methacrylonitrile	7.49	41	9098	15.76	ug/l	#	81
42) 1,2-Dichloroethane	8.40	62	37906	19.85	ug/l		99
43) Isopropyl Acetate	8.43	43	32177	18.35	ug/l		97
44) Trichloroethene	9.09	130	34839	19.32	ug/l		96
45) 1,2-Dichloropropane	9.37	63	27903	16.83	ug/l		95
46) Dibromomethane	9.46	93	15408	18.20	ug/l		87
47) Bromodichloromethane	9.65	83	40821	19.01	ug/l		100
48) Methyl methacrylate	9.44	41	15289	17.12	ug/l		86
49) 1,4-Dioxane	9.45	88	5022	391.37	ug/l		92
51) 4-Methyl-2-Pentanone	10.21	43	83107	86.34	ug/l		95
52) Toluene	10.39	92	79581	18.97	ug/l		100
53) t-1,3-Dichloropropene	10.61	75	42263	19.65	ug/l		93
54) cis-1,3-Dichloropropene	10.07	75	46267	18.46	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	23415	19.42	ug/l		93
56) Ethyl methacrylate	10.65	69	28349	19.42	ug/l		95
57) 1,3-Dichloropropane	10.93	76	38580	18.78	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.93	63	60286	92.99	ug/l		90
59) 2-Hexanone	10.98	43	56446	85.41	ug/l		99
60) Dibromochloromethane	11.13	129	28903	20.03	ug/l		100
61) 1,2-Dibromoethane	11.24	107	21562	18.75	ug/l		94
64) Tetrachloroethene	10.87	164	32327	20.86	ug/l		97
65) Chlorobenzene	11.66	112	87788	19.76	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.73	131	31845	20.32	ug/l		95
67) Ethyl Benzene	11.74	91	146149	18.87	ug/l		98
68) m/p-Xylenes	11.85	106	115667	38.81	ug/l		97
69) o-Xylene	12.17	106	55718	20.23	ug/l		95
70) Styrene	12.18	104	93571	20.11	ug/l		99
71) Bromoform	12.35	173	18766	21.37	ug/l	#	99
73) Isopropylbenzene	12.47	105	154341	18.64	ug/l		98
74) N-amyl acetate	12.28	43	28442	15.69	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.72	83	25330	17.46	ug/l		96
76) 1,2,3-Trichloropropane	12.77	75	17672m	16.21	ug/l		
77) Bromobenzene	12.75	156	39847	19.91	ug/l		88
78) n-propylbenzene	12.81	91	178540	17.70	ug/l		95
79) 2-Chlorotoluene	12.90	91	105152	18.22	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	136499	19.13	ug/l		96
81) trans-1,4-Dichloro-2-buten	12.52	75	8112	17.32	ug/l		98
82) 4-Chlorotoluene	12.99	91	114451	18.74	ug/l		100
83) tert-Butylbenzene	13.21	119	114868	19.33	ug/l		100
84) 1,2,4-Trimethylbenzene	13.26	105	141639	19.47	ug/l		99
85) sec-Butylbenzene	13.39	105	159813	18.41	ug/l		96
86) p-Isopropyltoluene	13.51	119	146242	18.75	ug/l		98
87) 1,3-Dichlorobenzene	13.51	146	79298	19.80	ug/l		98
88) 1,4-Dichlorobenzene	13.59	146	75698	18.94	ug/l		99
89) n-Butylbenzene	13.83	91	131855	18.11	ug/l		99
90) Hexachloroethane	14.10	117	26179	18.82	ug/l		92
91) 1,2-Dichlorobenzene	13.88	146	67881	18.93	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5133	20.27	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	52447	20.83	ug/l	98
94) Hexachlorobutadiene	15.24	225	31159	20.26	ug/l	99
95) Naphthalene	15.38	128	90143	20.81	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	45221	20.53	ug/l	96

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

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