Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025684.D
Acq On : 27 Jul 2018 21:33
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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7/31/2018 3:49:47 PM

Quant Time: Jul 28 05:43:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	167795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	255216	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	245550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134264	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.70%			
35) Dibromofluoromethane	4.89	113	112479	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.34%			
50) Toluene-d8	7.57	98	400759	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.18%			
62) 4-Bromofluorobenzene	10.31	95	150351	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	135678	53.50	ug/l	98
3) Chloromethane	1.33	50	118723	48.98	ug/l	98
4) Vinyl Chloride	1.40	62	111011	48.66	ug/l	100
5) Bromomethane	1.62	94	57671	51.76	ug/l	99
6) Chloroethane	1.69	64	64691	48.50	ug/l	97
7) Trichlorofluoromethane	1.88	101	165545	50.19	ug/l	98
8) Diethyl Ether	2.10	74	57335	48.05	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	91280	47.82	ug/l	99
10) Methyl Iodide	2.41	142	83643	47.50	ug/l	100
11) Tert butyl alcohol	2.83	59	152254	265.99	ug/l	100
12) 1,1-Dichloroethene	2.28	96	85689	47.56	ug/l	95
13) Acrolein	2.19	56	42701	205.63	ug/l	99
14) Allyl chloride	2.59	41	151852	46.90	ug/l	99
15) Acrylonitrile	2.94	53	304949	266.83	ug/l	100
16) Acetone	2.32	43	276108	216.62	ug/l	98
17) Carbon Disulfide	2.47	76	273619	46.93	ug/l	100
18) Methyl Acetate	2.62	43	173077	56.42	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	334811	51.28	ug/l	99
20) Methylene Chloride	2.70	84	108653	48.10	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	102131	49.04	ug/l	98
22) Diisopropyl ether	3.57	45	329050	51.57	ug/l	94
23) Vinyl Acetate	3.53	43	1416366	254.74	ug/l	99
24) 1,1-Dichloroethane	3.45	63	192394	50.23	ug/l	99
25) 2-Butanone	4.27	43	441622	254.52	ug/l	99
26) 2,2-Dichloropropane	4.23	77	148118	42.55	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	115261	49.09	ug/l	98
28) Bromochloromethane	4.55	49	87259	50.96	ug/l	100
29) Tetrahydrofuran	4.64	42	275337	264.86	ug/l	99
30) Chloroform	4.68	83	201797	49.92	ug/l	100
31) Cyclohexane	5.00	56	165008	49.52	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	181627	49.90	ug/l	98
36) 1,1-Dichloropropene	5.14	75	148664	49.84	ug/l	99
37) Ethyl Acetate	4.38	43	158827	51.36	ug/l	99
38) Carbon Tetrachloride	5.14	117	164472	48.69	ug/l	98

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Response via : Initial Calibration

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ClientSampleId : VSTDCCC050

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.42	83	165932	48.55	ug/l		96
40) Benzene	5.39	78	424592	48.70	ug/l		98
41) Methacrylonitrile	4.54	41	89051	51.84	ug/l		99
42) 1,2-Dichloroethane	5.41	62	165223	49.22	ug/l		99
43) Isopropyl Acetate	5.55	43	260408	50.95	ug/l		100
44) Trichloroethene	6.19	130	117978	48.59	ug/l		99
45) 1,2-Dichloropropane	6.44	63	112082	49.29	ug/l		100
46) Dibromomethane	6.56	93	80898	49.10	ug/l		100
47) Bromodichloromethane	6.76	83	156149	49.69	ug/l		96
48) Methyl methacrylate	6.63	41	131548	52.52	ug/l		97
49) 1,4-Dioxane	6.62	88	63508	1041.92	ug/l		99
51) 4-Methyl-2-Pentanone	7.46	43	839421	262.36	ug/l		100
52) Toluene	7.64	92	272214	50.26	ug/l		100
53) t-1,3-Dichloropropene	7.88	75	173831	49.26	ug/l		97
54) cis-1,3-Dichloropropene	7.27	75	179683	49.57	ug/l		97
55) 1,1,2-Trichloroethane	8.07	97	111151	49.38	ug/l		99
56) Ethyl methacrylate	8.02	69	168745	52.47	ug/l		97
57) 1,3-Dichloropropane	8.25	76	190245	50.26	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.13	63	357177	245.39	ug/l		100
59) 2-Hexanone	8.36	43	652868	260.31	ug/l		98
60) Dibromochloromethane	8.48	129	130051	48.99	ug/l		100
61) 1,2-Dibromoethane	8.59	107	125720	50.22	ug/l		99
64) Tetrachloroethene	8.23	164	109329	50.58	ug/l		99
65) Chlorobenzene	9.12	112	311042	49.13	ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.21	131	116063	50.68	ug/l		98
67) Ethyl Benzene	9.25	91	530315	50.57	ug/l		98
68) m/p-Xylenes	9.38	106	413572	102.72	ug/l		99
69) o-Xylene	9.78	106	202744	51.53	ug/l		99
70) Styrene	9.80	104	331830	52.21	ug/l		98
71) Bromoform	9.96	173	100909	50.81	ug/l	#	99
73) Isopropylbenzene	10.17	105	543896	51.30	ug/l		99
74) N-amyl acetate	10.01	43	231760	53.54	ug/l		100
75) 1,1,2,2-Tetrachloroethane	10.46	83	187427	51.12	ug/l		99
76) 1,2,3-Trichloropropane	10.50	75	154333m	45.09	ug/l		
77) Bromobenzene	10.45	156	147221	50.34	ug/l		98
78) n-propylbenzene	10.59	91	640264	51.74	ug/l		99
79) 2-Chlorotoluene	10.66	91	375405	51.79	ug/l		100
80) 1,3,5-Trimethylbenzene	10.78	105	471412	52.35	ug/l		99
81) trans-1,4-Dichloro-2-buten	10.50	75	133340m	97.69	ug/l		
82) 4-Chlorotoluene	10.78	91	444593	52.04	ug/l		99
83) tert-Butylbenzene	11.10	119	459932	51.41	ug/l		97
84) 1,2,4-Trimethylbenzene	11.15	105	481205	52.74	ug/l		98
85) sec-Butylbenzene	11.33	105	565181	51.74	ug/l		100
86) p-Isopropyltoluene	11.48	119	510724	52.22	ug/l		100
87) 1,3-Dichlorobenzene	11.42	146	274787	50.62	ug/l		100
88) 1,4-Dichlorobenzene	11.51	146	276811	48.92	ug/l		99
89) n-Butylbenzene	11.89	91	468044	51.86	ug/l		99
90) Hexachloroethane	12.15	117	87691	50.43	ug/l		97
91) 1,2-Dichlorobenzene	11.88	146	268798	50.52	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	46079	53.01	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	190830	53.14	ug/l	98
94) Hexachlorobutadiene	13.70	225	92669	48.95	ug/l	98
95) Naphthalene	13.75	128	588588	51.00	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	191029	53.33	ug/l	98

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

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