Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011566.D
Acq On : 18 Sep 2017 12:43
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
Sohil
9/19/2017 5:34:03 PM

Quant Time: Sep 18 17:44:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 15 02:27:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	352595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1654559	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	985809	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2234940	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2655564	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2275718	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	64724	8.26	ng/uL	0.00
5) Phenol-d5	7.12	99	677943	20.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	493761	21.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	511472	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	529331	20.03	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	250389	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	255227	19.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	513056	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	692889	23.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1623750	19.48	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2006891	19.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	284098	18.14	ng/ul	0.00
58) Fluorene-d10	15.59	176	1455522	20.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	221021	17.00	ng/ul	0.00
71) Anthracene-d10	17.44	188	2228129	20.25	ng/ul	0.00
79) Pyrene-d10	19.72	212	2468917	19.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2193238	20.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	73670	8.575	ng/uL#	67
4) Benzaldehyde	7.11	77	388332	20.073	ng/ul	99
6) Phenol	7.15	94	677983	20.173	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.39	93	538557	20.355	ng/ul#	81
10) 2-Chlorophenol	7.53	128	500045	20.089	ng/ul#	88
11) 2-Methylphenol	8.40	108	495908	19.461	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.50	45	998922	23.293	ng/ul#	91
14) Acetophenone	8.79	105	830374	20.553	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.77	70	462636	21.340	ng/ul#	72
16) 4-Methylphenol	8.73	108	565155	20.270	ng/ul	91
17) Hexachloroethane	9.05	117	199098	20.924	ng/ul#	73
20) Nitrobenzene	9.17	77	628493	21.280	ng/ul	96
21) Isophorone	9.70	82	1214234	20.419	ng/ul	97
23) 2-Nitrophenol	9.89	139	268667	19.584	ng/ul	90
24) 2,4-Dimethylphenol	9.94	107	590609	20.120	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.17	93	782310	20.177	ng/ul	98
27) 2,4-Dichlorophenol	10.42	162	495165	19.540	ng/ul	98
28) Naphthalene	10.83	128	1703059	19.850	ng/ul	98
30) 4-Chloroaniline	10.93	127	657073	23.841	ng/ul	96
31) Hexachlorobutadiene	11.10	225	289670	20.140	ng/ul	96
32) Caprolactam	11.70	113	142469m	17.859	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	548751	20.424	ng/ul	97
34) 2-Methylnaphthalene	12.43	142	1262920	19.821	ng/ul	97

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35) 1-Methylnaphthalene	12.65	142	1200538	19.783 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	588055	20.109 ng/ul#	96
38) Hexachlorocyclopentadiene	12.77	237	292971	17.874 ng/ul	98
39) 2,4,6-Trichlorophenol	13.03	196	385673	19.371 ng/ul	100
40) 2,4,5-Trichlorophenol	13.10	196	395902	19.611 ng/ul	95
41) 1,1'-Biphenyl	13.43	154	1623254	19.788 ng/ul#	94
42) 2-Chloronaphthalene	13.48	162	1211870	19.634 ng/ul	98
43) 2-Nitroaniline	13.68	65	417357	21.770 ng/ul#	79
45) Dimethylphthalate	14.05	163	1554052	19.476 ng/ul#	97
46) 2,6-Dinitrotoluene	14.17	165	275203	19.529 ng/ul	89
48) Acenaphthylene	14.32	152	2055943	20.266 ng/ul	99
49) 3-Nitroaniline	14.50	138	320143	18.424 ng/ul	100
50) Acenaphthene	14.66	153	1373962	20.045 ng/ul	98
51) 2,4-Dinitrophenol	14.70	184	137120	15.749 ng/ul#	66
53) 4-Nitrophenol	14.80	109	200313	19.900 ng/ul#	59
54) Dibenzofuran	15.00	168	1932686	20.157 ng/ul	98
55) 2,4-Dinitrotoluene	14.96	165	408247	19.707 ng/ul#	68
56) 2,3,4,6-Tetrachlorophenol	15.22	232	361059	19.624 ng/ul#	79
57) Diethylphthalate	15.41	149	1626778	19.591 ng/ul	95
59) Fluorene	15.64	166	1645122	20.473 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	756329	20.088 ng/ul#	90
61) 4-Nitroaniline	15.66	138	331668	17.819 ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.72	198	228912	17.178 ng/ul#	88
65) N-Nitrosodiphenylamine	15.84	169	1342079	19.714 ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	447688	19.612 ng/ul	90
67) Hexachlorobenzene	16.64	284	488956	19.459 ng/ul#	87
68) Atrazine	16.79	200	452752	19.195 ng/ul	96
69) Pentachlorophenol	16.99	266	285401	17.689 ng/ul	97
70) Phenanthrene	17.38	178	2517265	20.207 ng/ul	99
72) Anthracene	17.47	178	2645447	20.695 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	586671	19.699 ng/uL	98
74) Pentachlorobenzene	14.92	250	584325	19.345 ng/uL	98
75) Carbazole	17.74	167	2317190	21.248 ng/ul	98
76) Di-n-butylphthalate	18.29	149	3002428	20.961 ng/ul	99
77) Fluoranthene	19.39	202	2930776	22.873 ng/ul#	87
80) Pyrene	19.75	202	3158276	20.384 ng/ul#	85
81) Butylbenzylphthalate	20.63	149	1356775	19.042 ng/ul	91
82) 3,3'-Dichlorobenzidine	21.42	252	927877	19.240 ng/ul#	97
83) Benzo(a)anthracene	21.49	228	3037532	20.774 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2150878	19.656 ng/ul#	96
85) Chrysene	21.54	228	2721594	20.532 ng/ul	99
87) Di-n-octyl phthalate	22.31	149	3695785	22.883 ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	2887773	21.093 ng/ul#	97
89) Benzo(k)fluoranthene	23.20	252	2665911	20.276 ng/ul#	97
91) Benzo(a)pyrene	23.77	252	2640083	20.430 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.31	276	2627265	18.482 ng/ul#	84
93) Dibenzo(a,h)anthracene	26.32	278	2212661	18.357 ng/ul#	95
94) Benzo(g,h,i)perylene	27.06	276	2108615	18.317 ng/ul#	89

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

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