Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004555.D
Acq On : 04 Mar 2016 06:24
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Manual Integrations APPROVED
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3/4/2016 4:21:30 PM

Quant Time: Mar 04 07:08:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	28147	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	129933	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	72696	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	133079	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	109478	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	111698	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	3844	7.35	ng/uL	0.00
5) Phenol-d5	6.85	99	43156	19.03	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	21344	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	40163	19.86	ng/ul	0.03
13) 4-Methylphenol-d8	8.37	113	43152	21.59	ng/ul	0.05
19) Nitrobenzene-d5	8.76	128	19866	20.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	22876	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	40164	19.97	ng/ul	0.06
29) 4-Chloroaniline-d4	10.53	131	48935	19.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	117552	19.44	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	146977	20.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	8145m	9.13	ng/ul	0.16
58) Fluorene-d10	15.26	176	97116	18.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	14649	16.95	ng/ul	0.00
71) Anthracene-d10	17.11	188	128352	19.71	ng/ul	0.00
79) Pyrene-d10	19.42	212	115216	19.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	117122	19.71	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	4233	7.25	ng/uL#	90
4) Benzaldehyde	6.74	77	25510	21.45	ng/ul	93
6) Phenol	6.87	94	46371	19.33	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	34561	18.99	ng/ul	95
10) 2-Chlorophenol	7.19	128	41493	19.65	ng/ul	94
11) 2-Methylphenol	8.10	108	37687	19.29	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	30465	18.50	ng/ul#	89
14) Acetophenone	8.42	105	60930	19.32	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	28402	19.27	ng/ul	94
16) 4-Methylphenol	8.43	108	41510	19.38	ng/ul	99
17) Hexachloroethane	8.65	117	15870	20.07	ng/ul	90
20) Nitrobenzene	8.80	77	39798	19.54	ng/ul	91
21) Isophorone	9.32	82	78575	18.78	ng/ul	97
23) 2-Nitrophenol	9.50	139	25619	20.34	ng/ul	89
24) 2,4-Dimethylphenol	9.60	107	47208	19.37	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	49505	18.99	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	41802	19.83	ng/ul	98
28) Naphthalene	10.43	128	139831	19.57	ng/ul	100
30) 4-Chloroaniline	10.56	127	52035	19.75	ng/ul	99
31) Hexachlorobutadiene	10.70	225	28324	20.68	ng/ul	97
32) Caprolactam	11.31	113	11012	17.47	ng/ul	85
33) 4-Chloro-3-methylphenol	11.77	107	41984	18.05	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	102108	19.07	ng/ul	98

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35) 1-Methylnaphthalene	12.27	142	95776	18.76	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	54306	21.95	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	2706	2.83	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.71	196	30537	19.74	ng/ul	98
40) 2,4,5-Trichlorophenol	12.71	196	30537	18.38	ng/ul	99
41) 1,1'-Biphenyl	13.08	154	129449	20.62	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	99327	20.84	ng/ul	98
43) 2-Nitroaniline	13.36	65	20590	19.49	ng/ul	86
45) Dimethylphthalate	13.72	163	122894	19.33	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	24845	19.50	ng/ul	90
48) Acenaphthylene	13.98	152	157395	20.08	ng/ul	99
49) 3-Nitroaniline	14.19	138	22297	18.59	ng/ul	93
50) Acenaphthene	14.32	153	105251	19.60	ng/ul	100
51) 2,4-Dinitrophenol	14.43	184	6782	10.52	ng/ul#	86
53) 4-Nitrophenol	14.69	109	5746m	9.38	ng/ul	
54) Dibenzofuran	14.66	168	145842	19.43	ng/ul	95
55) 2,4-Dinitrotoluene	14.66	165	32577	17.49	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.93	232	16208	11.28	ng/ul#	89
57) Diethylphthalate	15.09	149	120368	18.63	ng/ul	100
59) Fluorene	15.32	166	115070	18.68	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.30	204	58925	18.90	ng/ul	93
61) 4-Nitroaniline	15.37	138	20112	15.95	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.43	198	15765	16.86	ng/ul	94
65) N-Nitrosodiphenylamine	15.53	169	96000	22.04	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	33927	22.27	ng/ul	92
67) Hexachlorobenzene	16.33	284	35089	20.89	ng/ul	94
68) Atrazine	16.49	200	30350	19.59	ng/ul	98
69) Pentachlorophenol	16.70	266	3867	5.48	ng/ul	93
70) Phenanthrene	17.06	178	158638	19.90	ng/ul	98
72) Anthracene	17.14	178	159923	19.74	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	49113	25.92	ng/uL	100
74) Pentachlorobenzene	14.59	250	46262	23.88	ng/uL	99
75) Carbazole	17.43	167	129189	18.85	ng/ul	98
76) Di-n-butylphthalate	17.98	149	175570	19.94	ng/ul	99
77) Fluoranthene	19.09	202	152870	17.80	ng/ul	99
80) Pyrene	19.45	202	156078	19.64	ng/ul	100
81) Butylbenzylphthalate	20.36	149	65255	20.79	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.15	252	46172	20.36	ng/ul	100
83) Benzo(a)anthracene	21.21	228	139178	19.69	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	94720	21.39	ng/ul#	97
85) Chrysene	21.26	228	136257	20.11	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	157592	18.78	ng/ul#	96
88) Benzo(b)fluoranthene	22.78	252	139125	18.69	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	140409	19.03	ng/ul	100
91) Benzo(a)pyrene	23.34	252	139191	19.79	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	164147	23.44	ng/ul	99
93) Dibenzo(a,h)anthracene	25.67	278	134762	23.26	ng/ul	100
94) Benzo(g,h,i)perylene	26.36	276	139406	23.64	ng/ul	99

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

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