Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091917\
Data File : BM011611.D
Acq On : 19 Sep 2017 19:14
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
Sohil
9/20/2017 5:54:33 PM

Quant Time: Sep 20 05:28:46 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 01:49:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	401084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1851656	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1126763	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2513116	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2868599	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2435413	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	70122	7.86	ng/uL	0.00
5) Phenol-d5	7.12	99	758197	19.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	549646	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	582077	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	596700	19.85	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	286920	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	305885	20.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	594886	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	781267	24.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1850549	19.43	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2310369	20.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	321847	17.98	ng/ul	0.00
58) Fluorene-d10	15.59	176	1647256	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	266130	18.20	ng/ul	0.00
71) Anthracene-d10	17.44	188	2504552	20.24	ng/ul	0.00
79) Pyrene-d10	19.72	212	2771641	20.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2364195	20.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	77144	7.894	ng/uL#	59
4) Benzaldehyde	7.10	77	426451	19.378	ng/ul	97
6) Phenol	7.14	94	760193	19.885	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.38	93	608787	20.228	ng/ul#	80
10) 2-Chlorophenol	7.53	128	559294	19.753	ng/ul#	90
11) 2-Methylphenol	8.40	108	562907	19.420	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1169885	23.982	ng/ul#	89
14) Acetophenone	8.79	105	916984	19.953	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.77	70	527604	21.394	ng/ul#	72
16) 4-Methylphenol	8.73	108	627986	19.800	ng/ul	94
17) Hexachloroethane	9.05	117	224393	20.731	ng/ul#	79
20) Nitrobenzene	9.17	77	714486	21.617	ng/ul	98
21) Isophorone	9.70	82	1366545	20.535	ng/ul	98
23) 2-Nitrophenol	9.88	139	318398	20.738	ng/ul#	89
24) 2,4-Dimethylphenol	9.93	107	676470	20.592	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.17	93	865384	19.943	ng/ul	99
27) 2,4-Dichlorophenol	10.42	162	573135	20.209	ng/ul	98
28) Naphthalene	10.82	128	1911463	19.907	ng/ul	99
30) 4-Chloroaniline	10.93	127	738239	23.935	ng/ul	97
31) Hexachlorobutadiene	11.10	225	346099	21.502	ng/ul	97
32) Caprolactam	11.70	113	154762m	17.335	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	615234	20.461	ng/ul	96
34) 2-Methylnaphthalene	12.43	142	1420729	19.925	ng/ul	99

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35) 1-Methylnaphthalene	12.65	142	1360669	20.035	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	695886	20.820	ng/ul#	97
38) Hexachlorocyclopentadiene	12.77	237	352213	18.800	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.03	196	467346	20.537	ng/ul	97
40) 2,4,5-Trichlorophenol	13.10	196	469021	20.327	ng/ul	97
41) 1,1'-Biphenyl	13.43	154	1856070	19.795	ng/ul#	95
42) 2-Chloronaphthalene	13.47	162	1396887	19.800	ng/ul	99
43) 2-Nitroaniline	13.68	65	490544	22.387	ng/ul#	81
45) Dimethylphthalate	14.05	163	1771848	19.428	ng/ul#	99
46) 2,6-Dinitrotoluene	14.17	165	331923	20.607	ng/ul	89
48) Acenaphthylene	14.32	152	2313094	19.949	ng/ul	99
49) 3-Nitroaniline	14.50	138	360581	18.155	ng/ul	98
50) Acenaphthene	14.66	153	1542464	19.688	ng/ul	98
51) 2,4-Dinitrophenol	14.70	184	161886	16.267	ng/ul#	67
53) 4-Nitrophenol	14.80	109	235066	20.431	ng/ul#	65
54) Dibenzofuran	14.99	168	2173254	19.831	ng/ul	98
55) 2,4-Dinitrotoluene	14.96	165	469718	19.838	ng/ul#	71
56) 2,3,4,6-Tetrachlorophenol	15.22	232	423774	20.152	ng/ul#	78
57) Diethylphthalate	15.40	149	1854010	19.534	ng/ul	96
59) Fluorene	15.64	166	1823862	19.858	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	872906	20.284	ng/ul	94
61) 4-Nitroaniline	15.66	138	377246	17.732	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.72	198	276655	18.463	ng/ul	92
65) N-Nitrosodiphenylamine	15.84	169	1502297	19.625	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	518896	20.215	ng/ul	95
67) Hexachlorobenzene	16.64	284	565726	20.022	ng/ul#	88
68) Atrazine	16.79	200	526856	19.864	ng/ul	96
69) Pentachlorophenol	16.99	266	332599	18.332	ng/ul	97
70) Phenanthrene	17.38	178	2819641	20.129	ng/ul	100
72) Anthracene	17.47	178	2923406	20.338	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	689639	20.593	ng/uL	98
74) Pentachlorobenzene	14.92	250	697520	20.537	ng/uL	98
75) Carbazole	17.74	167	2536412	20.683	ng/ul	98
76) Di-n-butylphthalate	18.29	149	3338291	20.726	ng/ul	100
77) Fluoranthene	19.39	202	3244485	22.519	ng/ul#	88
80) Pyrene	19.75	202	3485627	20.826	ng/ul#	87
81) Butylbenzylphthalate	20.63	149	1515151	19.685	ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.42	252	1005222	19.296	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	3292977	20.849	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2360030	19.966	ng/ul#	96
85) Chrysene	21.54	228	2961699	20.684	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	4002825	23.159	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	2971417	20.281	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	3008920	21.384	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	2811354	20.329	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	2775871	18.247	ng/ul#	85
93) Dibenzo(a,h)anthracene	26.32	278	2349141	18.212	ng/ul#	95
94) Benzo(g,h,i)perylene	27.06	276	2221193	18.030	ng/ul#	91

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

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