Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
Data File : BM027446.D
Acq On : 16 Sep 2020 18:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 16 18:51:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	100493	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	365307	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	258548	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	616865	20.00	ng		0.00
76) Chrysene-d12	21.14	240	722839	20.00	ng		0.00
86) Perylene-d12	23.31	264	760272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	487312	80.73	ng		0.00
7) Phenol-d6	6.75	99	622965	76.48	ng		0.00
23) Nitrobenzene-d5	8.70	82	698181	81.65	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	380948	84.03	ng		0.00
45) 2-Fluorobiphenyl	12.81	172	1578101	81.17	ng		0.00
79) Terphenyl-d14	19.59	244	3192595	76.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	115912	45.038	ng		99
3) Pyridine	3.54	79	315357	42.181	ng		97
4) n-Nitrosodimethylamine	3.45	42	125042	42.379	ng		89
6) Aniline	6.89	93	382096	38.591	ng		98
8) 2-Chlorophenol	7.13	128	248244	40.399	ng		99
9) Benzaldehyde	6.70	77	222551	34.728	ng		98
10) Phenol	6.77	94	304437	38.895	ng		96
11) bis(2-Chloroethyl)ether	6.99	93	250332	38.005	ng		99
12) 1,3-Dichlorobenzene	7.45	146	310302	40.570	ng		100
13) 1,4-Dichlorobenzene	7.59	146	313206	40.727	ng		98
14) 1,2-Dichlorobenzene	7.90	146	298670	40.416	ng		98
15) Benzyl Alcohol	7.80	79	261073	37.295	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.09	45	182655	36.617	ng		97
17) 2-Methylphenol	8.00	107	202039	38.013	ng		95
18) Hexachloroethane	8.62	117	131095	42.538	ng		96
19) n-Nitroso-di-n-propylamine	8.36	70	233602	36.012	ng		98
20) 3+4-Methylphenols	8.33	107	269995	37.232	ng		93
22) Acetophenone	8.37	105	407289	39.604	ng	#	97
24) Nitrobenzene	8.74	77	364506	40.947	ng		99
25) Isophorone	9.27	82	568217	37.773	ng		99
26) 2-Nitrophenol	9.45	139	133416	40.375	ng		96
27) 2,4-Dimethylphenol	9.52	122	217145	38.478	ng		97
28) bis(2-Chloroethoxy)methane	9.75	93	335272	38.849	ng		99
29) 2,4-Dichlorophenol	9.98	162	267749	41.207	ng		98
30) 1,2,4-Trichlorobenzene	10.19	180	321757	41.473	ng		99
31) Naphthalene	10.37	128	791108	40.428	ng		99
32) Benzoic acid	9.66	122	117631	31.616	ng		98
33) 4-Chloroaniline	10.48	127	327475	39.418	ng		97
34) Hexachlorobutadiene	10.66	225	226432	43.190	ng		97
35) Caprolactam	11.27	113	67833	35.473	ng		94
36) 4-Chloro-3-methylphenol	11.62	107	276722	39.637	ng		97
37) 2-Methylnaphthalene	11.99	142	605957	39.519	ng		98
38) 1-Methylnaphthalene	12.22	142	575471	39.971	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	383420	41.192	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	253345	41.355 ng	98
43) 2,4,6-Trichlorophenol	12.62	196	234773	41.138 ng	98
44) 2,4,5-Trichlorophenol	12.69	196	250619	40.398 ng	98
46) 1,1'-Biphenyl	13.02	154	831140	40.617 ng	100
47) 2-Chloronaphthalene	13.06	162	669779	41.282 ng	99
48) 2-Nitroaniline	13.27	65	207493	41.823 ng	97
49) Acenaphthylene	13.91	152	1014017	41.255 ng	99
50) Dimethylphthalate	13.66	163	842434	39.642 ng	100
51) 2,6-Dinitrotoluene	13.77	165	182973	40.420 ng	95
52) Acenaphthene	14.26	154	627052	41.122 ng	99
53) 3-Nitroaniline	14.10	138	165293	37.338 ng	98
54) 2,4-Dinitrophenol	14.32	184	117635	42.189 ng	94
55) Dibenzofuran	14.60	168	1052438	40.802 ng	100
56) 4-Nitrophenol	14.43	139	133641	37.322 ng	91
57) 2,4-Dinitrotoluene	14.57	165	258841	41.264 ng	95
58) Fluorene	15.25	166	879434	40.619 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	240231	40.057 ng	97
60) Diethylphthalate	15.04	149	883657	40.427 ng	98
61) 4-Chlorophenyl-phenylether	15.25	204	480257	40.378 ng	99
62) 4-Nitroaniline	15.27	138	176527	37.323 ng	90
63) Azobenzene	15.55	77	968422	42.835 ng	99
65) 4,6-Dinitro-2-methylphenol	15.34	198	146183	36.925 ng	99
66) n-Nitrosodiphenylamine	15.46	169	765028	40.092 ng	99
67) 4-Bromophenyl-phenylether	16.15	248	310846	40.814 ng	99
68) Hexachlorobenzene	16.26	284	364237	40.971 ng	99
69) Atrazine	16.43	200	225911	40.474 ng	98
70) Pentachlorophenol	16.60	266	199117	37.037 ng	97
71) Phenanthrene	16.99	178	1469669	40.972 ng	99
72) Anthracene	17.07	178	1508269	41.663 ng	99
73) Carbazole	17.35	167	1304122	41.267 ng	99
74) Di-n-butylphthalate	17.93	149	1571000	41.326 ng	99
75) Fluoranthene	19.01	202	1820774	41.845 ng	99
77) Benzidine	19.20	184	804170	36.878 ng	99
78) Pyrene	19.37	202	1915353	38.854 ng	100
80) Butylbenzylphthalate	20.30	149	734360	36.084 ng	98
81) Benzo(a)anthracene	21.13	228	1970978	40.841 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	731103	36.631 ng	100
83) Chrysene	21.19	228	1917933	40.895 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	1110929	41.489 ng	99
85) Di-n-octyl phthalate	21.95	149	1870482	41.968 ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2377844	46.122 ng	99
88) Benzo(b)fluoranthene	22.67	252	2131771	40.311 ng	99
89) Benzo(k)fluoranthene	22.71	252	2044719	39.994 ng	99
90) Benzo(a)pyrene	23.22	252	1853636	41.443 ng	99
91) Dibenzo(a,h)anthracene	25.47	278	1993850	45.786 ng	100
92) Benzo(g,h,i)perylene	26.12	276	1992724	47.484 ng	99

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

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