Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070720\
Data File : BM026664.D
Acq On : 06 Jul 2020 14:42
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC020

Quant Time: Jul 06 18:33:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 18:20:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	74607	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	337073	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	223001	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	504695	20.00	ng		0.00
76) Chrysene-d12	20.97	240	596313	20.00	ng		0.00
86) Perylene-d12	23.04	264	620748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	189699	42.00	ng		0.00
7) Phenol-d6	6.54	99	295840	42.12	ng		0.00
23) Nitrobenzene-d5	8.48	82	328067	41.26	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	130981	40.65	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	685802	40.75	ng		0.00
79) Terphenyl-d14	19.42	244	1257055	40.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	44908	20.838	ng		97
3) Pyridine	3.34	79	129614	20.783	ng		96
4) n-Nitrosodimethylamine	3.26	42	76327	21.536	ng	#	92
6) Aniline	6.68	93	184613	21.338	ng		99
8) 2-Chlorophenol	6.90	128	112276	21.363	ng		97
9) Benzaldehyde	6.49	77	90810	23.664	ng		99
10) Phenol	6.57	94	146129	21.010	ng		99
11) bis(2-Chloroethyl)ether	6.78	93	123603	21.421	ng		98
12) 1,3-Dichlorobenzene	7.22	146	123404	21.393	ng		96
13) 1,4-Dichlorobenzene	7.37	146	124690	21.225	ng		99
14) 1,2-Dichlorobenzene	7.67	146	122925	21.120	ng		99
15) Benzyl Alcohol	7.59	79	123453	20.611	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.87	45	253328	21.385	ng		99
17) 2-Methylphenol	7.79	107	111087	21.318	ng		98
18) Hexachloroethane	8.38	117	49061	21.129	ng		98
19) n-Nitroso-di-n-propylamine	8.15	70	122222	21.168	ng		99
20) 3+4-Methylphenols	8.12	107	151624	20.962	ng		96
22) Acetophenone	8.15	105	196896	20.489	ng	#	98
24) Nitrobenzene	8.52	77	172680	20.876	ng		97
25) Isophorone	9.05	82	309503	20.488	ng		99
26) 2-Nitrophenol	9.23	139	63156	20.191	ng		96
27) 2,4-Dimethylphenol	9.30	122	102338	20.562	ng		99
28) bis(2-Chloroethoxy)methane	9.53	93	172117	20.668	ng		98
29) 2,4-Dichlorophenol	9.76	162	111772	20.353	ng		100
30) 1,2,4-Trichlorobenzene	9.96	180	125656	20.431	ng		98
31) Naphthalene	10.14	128	381834	20.336	ng		99
32) Benzoic acid	9.46	122	68115	17.706	ng		96
33) 4-Chloroaniline	10.27	127	167167	20.469	ng		98
34) Hexachlorobutadiene	10.43	225	84524	20.718	ng		97
35) Caprolactam	11.05	113	39325	20.405	ng		97
36) 4-Chloro-3-methylphenol	11.41	107	140976	20.563	ng		97
37) 2-Methylnaphthalene	11.76	142	280773	20.342	ng		98
38) 1-Methylnaphthalene	11.99	142	269771	20.468	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	151651	20.798	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.13	237	64571	18.236	ng	99
43) 2,4,6-Trichlorophenol	12.40	196	99374	20.806	ng	99
44) 2,4,5-Trichlorophenol	12.48	196	118442	21.277	ng	96
46) 1,1'-Biphenyl	12.82	154	363175	20.436	ng	100
47) 2-Chloronaphthalene	12.85	162	292672	20.502	ng	99
48) 2-Nitroaniline	13.07	65	121251	20.804	ng	97
49) Acenaphthylene	13.71	152	464506	20.375	ng	100
50) Dimethylphthalate	13.47	163	391430	20.742	ng	99
51) 2,6-Dinitrotoluene	13.59	165	83187	20.417	ng	97
52) Acenaphthene	14.06	154	285193	20.623	ng	100
53) 3-Nitroaniline	13.92	138	88647	20.826	ng	97
54) 2,4-Dinitrophenol	14.14	184	44152	18.039	ng	97
55) Dibenzofuran	14.40	168	462446	20.519	ng	99
56) 4-Nitrophenol	14.26	139	65220	19.743	ng	96
57) 2,4-Dinitrotoluene	14.39	165	119693	20.669	ng	98
58) Fluorene	15.06	166	379704	20.409	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.64	232	100281	20.735	ng	100
60) Diethylphthalate	14.86	149	413498	20.811	ng	99
61) 4-Chlorophenyl-phenylether	15.06	204	204984	20.304	ng	99
62) 4-Nitroaniline	15.10	138	88456m	20.571	ng	
63) Azobenzene	15.36	77	457427	21.000	ng	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	68208	19.342	ng	93
66) n-Nitrosodiphenylamine	15.28	169	333590	20.517	ng	99
67) 4-Bromophenyl-phenylether	15.96	248	129145	20.517	ng	99
68) Hexachlorobenzene	16.07	284	136726	20.745	ng	98
69) Atrazine	16.25	200	110742	22.919	ng	97
70) Pentachlorophenol	16.42	266	76102	19.972	ng	99
71) Phenanthrene	16.79	178	610401	20.459	ng	99
72) Anthracene	16.89	178	605815	20.387	ng	99
73) Carbazole	17.17	167	584441	20.827	ng	99
74) Di-n-butylphthalate	17.75	149	722204	20.578	ng	100
75) Fluoranthene	18.83	202	739463	20.503	ng	99
77) Benzidine	19.03	184	251038	22.786	ng	99
78) Pyrene	19.19	202	779736	20.007	ng	100
80) Butylbenzylphthalate	20.13	149	345162	20.071	ng	99
81) Benzo(a)anthracene	20.96	228	830410	20.661	ng	99
82) 3,3'-Dichlorobenzidine	20.90	252	276313	22.033	ng	100
83) Chrysene	21.01	228	800783	20.626	ng	100
84) Bis(2-ethylhexyl)phthalate	20.92	149	540783	20.272	ng	100
85) Di-n-octyl phthalate	21.77	149	918965	20.729	ng	99
87) Indeno(1,2,3-cd)pyrene	25.06	276	873011	21.177	ng	100
88) Benzo(b)fluoranthene	22.44	252	841414	19.927	ng	99
89) Benzo(k)fluoranthene	22.49	252	810015	19.580	ng	98
90) Benzo(a)pyrene	22.96	252	767612	20.170	ng	99
91) Dibenzo(a,h)anthracene	25.07	278	734609	21.089	ng	99
92) Benzo(g,h,i)perylene	25.67	276	679586	21.185	ng	100

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

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