Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070720\
Data File : BM026669.D
Acq On : 06 Jul 2020 17:52
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM070720

Quant Time: Jul 06 18:50:01 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 18:41:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	83595	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	363203	20.00	ng	0.00
39) Acenaphthene-d10	14.00	164	242201	20.00	ng	0.00
64) Phenanthrene-d10	16.76	188	535294	20.00	ng	0.00
76) Chrysene-d12	20.97	240	626748	20.00	ng	0.00
86) Perylene-d12	23.04	264	600741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	414137	81.84	ng	0.00
7) Phenol-d6	6.55	99	662070	84.13	ng	0.00
23) Nitrobenzene-d5	8.49	82	704504	82.22	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	287610	82.19	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1470579	80.45	ng	0.00
79) Terphenyl-d14	19.42	244	2662292	80.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	97017	40.178	ng	98
3) Pyridine	3.33	79	286538m	41.039	ng	
4) n-Nitrosodimethylamine	3.26	42	168357	42.395	ng	100
6) Aniline	6.68	93	400020	41.264	ng	98
8) 2-Chlorophenol	6.91	128	243377	41.328	ng	95
9) Benzaldehyde	6.49	77	170811	39.726	ng	98
10) Phenol	6.57	94	325003	41.704	ng	99
11) bis(2-Chloroethyl)ether	6.79	93	263341	40.731	ng	99
12) 1,3-Dichlorobenzene	7.22	146	260121	40.245	ng	97
13) 1,4-Dichlorobenzene	7.37	146	266107	40.427	ng	99
14) 1,2-Dichlorobenzene	7.67	146	265569	40.721	ng	99
15) Benzyl Alcohol	7.59	79	276678	41.226	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.88	45	536195	40.396	ng	100
17) 2-Methylphenol	7.80	107	242256	41.491	ng	98
18) Hexachloroethane	8.39	117	106472	40.924	ng	98
19) n-Nitroso-di-n-propylamine	8.15	70	266194	41.145	ng	99
20) 3+4-Methylphenols	8.13	107	336394	41.505	ng	95
22) Acetophenone	8.16	105	425777	41.118	ng	98
24) Nitrobenzene	8.53	77	362524	40.675	ng	96
25) Isophorone	9.05	82	670700	41.204	ng	100
26) 2-Nitrophenol	9.23	139	143289	42.515	ng	94
27) 2,4-Dimethylphenol	9.31	122	223110	41.603	ng	98
28) bis(2-Chloroethoxy)methane	9.54	93	364276	40.596	ng	99
29) 2,4-Dichlorophenol	9.76	162	248960	42.072	ng	97
30) 1,2,4-Trichlorobenzene	9.96	180	270177	40.768	ng	99
31) Naphthalene	10.14	128	821991	40.629	ng	100
32) Benzoic acid	9.50	122	183425	40.540	ng	100
33) 4-Chloroaniline	10.27	127	366523	41.651	ng	98
34) Hexachlorobutadiene	10.43	225	176209	40.084	ng	98
35) Caprolactam	11.07	113	90987	43.879	ng	92
36) 4-Chloro-3-methylphenol	11.42	107	311459	42.161	ng	97
37) 2-Methylnaphthalene	11.76	142	609327	40.970	ng	99
38) 1-Methylnaphthalene	11.99	142	580031	40.842	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	320973	40.529	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.13	237	161226	38.943 ng	98
43) 2,4,6-Trichlorophenol	12.41	196	215716	41.584 ng	98
44) 2,4,5-Trichlorophenol	12.48	196	251790	41.646 ng	98
46) 1,1'-Biphenyl	12.82	154	777415	40.277 ng	99
47) 2-Chloronaphthalene	12.85	162	628198	40.517 ng	98
48) 2-Nitroaniline	13.07	65	267029	42.184 ng	98
49) Acenaphthylene	13.71	152	1012155	40.877 ng	100
50) Dimethylphthalate	13.48	163	829931	40.491 ng	99
51) 2,6-Dinitrotoluene	13.59	165	180680	40.831 ng	98
52) Acenaphthene	14.06	154	601926	40.076 ng	98
53) 3-Nitroaniline	13.93	138	195684	42.329 ng	96
54) 2,4-Dinitrophenol	14.15	184	111028	39.053 ng	97
55) Dibenzofuran	14.40	168	982562	40.142 ng	98
56) 4-Nitrophenol	14.26	139	150585	41.970 ng	96
57) 2,4-Dinitrotoluene	14.40	165	264798	42.101 ng	99
58) Fluorene	15.06	166	821104	40.635 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	217087	41.328 ng	99
60) Diethylphthalate	14.86	149	870738	40.349 ng	100
61) 4-Chlorophenyl-phenylether	15.06	204	439613	40.092 ng	97
62) 4-Nitroaniline	15.10	138	206721m	39.806 ng	
63) Azobenzene	15.36	77	960541	40.602 ng	99
65) 4,6-Dinitro-2-methylphenol	15.17	198	158064	42.260 ng	97
66) n-Nitrosodiphenylamine	15.29	169	705227	40.895 ng	99
67) 4-Bromophenyl-phenylether	15.96	248	270764	40.558 ng	99
68) Hexachlorobenzene	16.07	284	285725	40.874 ng	99
69) Atrazine	16.26	200	221033	43.129 ng	100
70) Pentachlorophenol	16.42	266	170848	42.274 ng	98
71) Phenanthrene	16.80	178	1299477	41.065 ng	99
72) Anthracene	16.89	178	1298039	41.185 ng	99
73) Carbazole	17.17	167	1250579	42.019 ng	100
74) Di-n-butylphthalate	17.76	149	1564327	42.025 ng	99
75) Fluoranthene	18.83	202	1577246	41.233 ng	100
77) Benzidine	19.03	184	540184	46.650 ng	99
78) Pyrene	19.19	202	1657300	40.459 ng	100
80) Butylbenzylphthalate	20.13	149	758479	41.963 ng	99
81) Benzo(a)anthracene	20.96	228	1716467	40.633 ng	99
82) 3,3'-Dichlorobenzidine	20.90	252	552765	41.936 ng	99
83) Chrysene	21.01	228	1647704	40.379 ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	1160315	41.383 ng	100
85) Di-n-octyl phthalate	21.77	149	1978130	42.454 ng	99
87) Indeno(1,2,3-cd)pyrene	25.06	276	1649774	41.353 ng	99
88) Benzo(b)fluoranthene	22.44	252	1677237	41.045 ng	99
89) Benzo(k)fluoranthene	22.49	252	1671152	41.741 ng	100
90) Benzo(a)pyrene	22.96	252	1556276	42.256 ng	100
91) Dibenzo(a,h)anthracene	25.07	278	1399417	41.513 ng	99
92) Benzo(g,h,i)perylene	25.67	276	1256218	40.466 ng	99

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

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