Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
Data File : BM026309.D
Acq On : 09 Jun 2020 19:21
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 09 19:52:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:46:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	183356	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	743860	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	439226	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	867613	20.00	ng	0.00
76) Chrysene-d12	21.04	240	709703	20.00	ng	0.00
86) Perylene-d12	23.15	264	666317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	804440	77.57	ng	0.00
7) Phenol-d6	6.64	99	1137791	75.77	ng	0.00
23) Nitrobenzene-d5	8.58	82	1158444	76.47	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	403122	75.77	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	2335400	80.71	ng	0.00
79) Terphenyl-d14	19.49	244	3000127	82.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	174933	37.414	ng	98
3) Pyridine	3.43	79	515131	37.510	ng	97
4) n-Nitrosodimethylamine	3.34	42	236265	34.747	ng	94
6) Aniline	6.78	93	735231	37.326	ng	100
8) 2-Chlorophenol	7.00	128	462803	38.690	ng	98
9) Benzaldehyde	6.59	77	398086	41.573	ng	96
10) Phenol	6.67	94	603067	37.709	ng	96
11) bis(2-Chloroethyl)ether	6.88	93	482811	37.481	ng	97
12) 1,3-Dichlorobenzene	7.32	146	516442	38.996	ng	97
13) 1,4-Dichlorobenzene	7.46	146	522186	38.710	ng	100
14) 1,2-Dichlorobenzene	7.77	146	504761	38.306	ng	99
15) Benzyl Alcohol	7.68	79	472133	37.024	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.97	45	848114	35.254	ng	98
17) 2-Methylphenol	7.89	107	439468	37.598	ng	98
18) Hexachloroethane	8.49	117	201188	39.381	ng	98
19) n-Nitroso-di-n-propylamine	8.25	70	422965	36.144	ng	96
20) 3+4-Methylphenols	8.22	107	597353	37.496	ng	100
22) Acetophenone	8.25	105	741909	38.788	ng	98
24) Nitrobenzene	8.62	77	599079	37.774	ng	96
25) Isophorone	9.15	82	1106185	38.865	ng	99
26) 2-Nitrophenol	9.32	139	258219	41.141	ng	96
27) 2,4-Dimethylphenol	9.40	122	389621	39.322	ng	98
28) bis(2-Chloroethoxy)methane	9.63	93	614416	38.050	ng	99
29) 2,4-Dichlorophenol	9.86	162	432044	39.741	ng	99
30) 1,2,4-Trichlorobenzene	10.06	180	475829	39.914	ng	98
31) Naphthalene	10.24	128	1451374	38.718	ng	100
32) Benzoic acid	9.59	122	229153	30.830	ng	98
33) 4-Chloroaniline	10.36	127	616507	37.708	ng	98
34) Hexachlorobutadiene	10.53	225	302692	40.220	ng	99
35) Caprolactam	11.17	113	141644	37.085	ng	95
36) 4-Chloro-3-methylphenol	11.51	107	495932	37.437	ng	100
37) 2-Methylnaphthalene	11.86	142	1014934	37.995	ng	100
38) 1-Methylnaphthalene	12.09	142	950029	37.544	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	511643	40.922	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	298739	40.545	ng	98
43) 2,4,6-Trichlorophenol	12.50	196	346505	40.945	ng	99
44) 2,4,5-Trichlorophenol	12.58	196	388883	39.588	ng	99
46) 1,1'-Biphenyl	12.91	154	1224063	39.751	ng	99
47) 2-Chloronaphthalene	12.95	162	989873	39.576	ng	98
48) 2-Nitroaniline	13.16	65	374787	37.808	ng	97
49) Acenaphthylene	13.80	152	1560742	39.013	ng	99
50) Dimethylphthalate	13.56	163	1226837	38.188	ng	100
51) 2,6-Dinitrotoluene	13.67	165	270604	38.386	ng	98
52) Acenaphthene	14.15	154	925906	38.553	ng	100
53) 3-Nitroaniline	14.00	138	293382	37.373	ng	98
54) 2,4-Dinitrophenol	14.22	184	152646	35.627	ng	96
55) Dibenzofuran	14.49	168	1467029	37.911	ng	100
56) 4-Nitrophenol	14.35	139	218557	35.108	ng	95
57) 2,4-Dinitrotoluene	14.47	165	365475	37.286	ng	100
58) Fluorene	15.15	166	1181795	37.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	319887	38.072	ng	96
60) Diethylphthalate	14.94	149	1216305	37.170	ng	100
61) 4-Chlorophenyl-phenylether	15.15	204	634320	38.048	ng	98
62) 4-Nitroaniline	15.18	138	296283	35.391	ng	97
63) Azobenzene	15.44	77	1317730	36.806	ng	99
65) 4,6-Dinitro-2-methylphenol	15.25	198	205779	39.003	ng	94
66) n-Nitrosodiphenylamine	15.37	169	1007838	40.098	ng	99
67) 4-Bromophenyl-phenylether	16.04	248	392253	41.069	ng	98
68) Hexachlorobenzene	16.15	284	400255	40.161	ng	99
69) Atrazine	16.33	200	314972	41.947	ng	98
70) Pentachlorophenol	16.50	266	224871	37.468	ng	99
71) Phenanthrene	16.88	178	1740389	38.520	ng	100
72) Anthracene	16.97	178	1751076	38.833	ng	99
73) Carbazole	17.25	167	1614881	37.765	ng	100
74) Di-n-butylphthalate	17.83	149	1997495	39.610	ng	100
75) Fluoranthene	18.91	202	1907288	36.820	ng	99
77) Benzidine	19.10	184	562997	38.191	ng	99
78) Pyrene	19.27	202	1926796	41.090	ng	100
80) Butylbenzylphthalate	20.20	149	816227	43.044	ng	97
81) Benzo(a)anthracene	21.03	228	1660634	38.982	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	578364	43.883	ng	100
83) Chrysene	21.09	228	1595884	39.312	ng	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	1139382	42.139	ng	100
85) Di-n-octyl phthalate	21.84	149	1824834	43.750	ng	99
87) Indeno(1,2,3-cd)pyrene	25.22	276	1652369	42.869	ng	99
88) Benzo(b)fluoranthene	22.53	252	1462392	36.484	ng	100
89) Benzo(k)fluoranthene	22.57	252	1486005	38.160	ng	99
90) Benzo(a)pyrene	23.06	252	1377558	38.696	ng	99
91) Dibenzo(a,h)anthracene	25.22	278	1370836	42.601	ng	99
92) Benzo(g,h,i)perylene	25.84	276	1342183	43.832	ng	98

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

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