Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002808.D
Acq On : 21 Jul 2020 10:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 21 13:45:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	210494	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	747197	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	412831	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	841470	20.00	ng		0.00
76) Chrysene-d12	21.07	240	742443	20.00	ng		0.00
86) Perylene-d12	23.26	264	849771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	929574	74.51	ng		0.00
7) Phenol-d6	6.76	99	1230335	69.10	ng		0.00
23) Nitrobenzene-d5	8.70	82	1080485	77.34	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	393109	91.22	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	2083284	78.07	ng		0.00
79) Terphenyl-d14	19.55	244	2581443	79.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	210626	38.723	ng		99
3) Pyridine	3.50	79	584566	36.062	ng		99
4) n-Nitrosodimethylamine	3.42	42	238751	39.098	ng		99
6) Aniline	6.88	93	790189	35.056	ng		99
8) 2-Chlorophenol	7.12	128	502275	36.185	ng		99
9) Benzaldehyde	6.69	77	341896	35.342	ng		98
10) Phenol	6.78	94	638675	35.016	ng		99
11) bis(2-Chloroethyl)ether	6.99	93	528640	34.846	ng		99
12) 1,3-Dichlorobenzene	7.44	146	586614	36.855	ng		99
13) 1,4-Dichlorobenzene	7.58	146	591710	37.043	ng		99
14) 1,2-Dichlorobenzene	7.89	146	556920	36.154	ng		99
15) Benzyl Alcohol	7.79	79	434789	36.491	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	726069	33.278	ng		100
17) 2-Methylphenol	8.01	107	452430	34.817	ng		99
18) Hexachloroethane	8.61	117	220180	38.916	ng		95
19) n-Nitroso-di-n-propylamine	8.36	70	348528	32.143	ng		99
20) 3+4-Methylphenols	8.34	107	587311	34.182	ng		98
22) Acetophenone	8.37	105	679526	36.890	ng	#	98
24) Nitrobenzene	8.74	77	579498	38.301	ng		98
25) Isophorone	9.26	82	1033676	36.303	ng		99
26) 2-Nitrophenol	9.45	139	275926	42.223	ng		97
27) 2,4-Dimethylphenol	9.53	122	399605	37.665	ng		99
28) bis(2-Chloroethoxy)methane	9.75	93	637213	36.844	ng		100
29) 2,4-Dichlorophenol	9.99	162	456986	39.069	ng		99
30) 1,2,4-Trichlorobenzene	10.19	180	538706	40.209	ng		99
31) Naphthalene	10.37	128	1453241	36.839	ng		100
32) Benzoic acid	9.72	122	219863	29.907	ng		99
33) 4-Chloroaniline	10.49	127	618943	36.615	ng		98
34) Hexachlorobutadiene	10.66	225	341216	44.063	ng		96
35) Caprolactam	11.27	113	135089	33.031	ng		94
36) 4-Chloro-3-methylphenol	11.65	107	448074	35.538	ng		99
37) 2-Methylnaphthalene	11.99	142	999122	35.891	ng		99
38) 1-Methylnaphthalene	12.22	142	934767	35.503	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	557597	43.949	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	249817	47.755 ng	100
43) 2,4,6-Trichlorophenol	12.63	196	343080	42.246 ng	96
44) 2,4,5-Trichlorophenol	12.71	196	381843	40.539 ng	96
46) 1,1'-Biphenyl	13.03	154	1177952	38.274 ng	99
47) 2-Chloronaphthalene	13.06	162	973095	38.927 ng	99
48) 2-Nitroaniline	13.28	65	297757	38.534 ng	98
49) Acenaphthylene	13.92	152	1487708	37.751 ng	100
50) Dimethylphthalate	13.67	163	1152237	36.597 ng	100
51) 2,6-Dinitrotoluene	13.79	165	262173	38.896 ng	96
52) Acenaphthene	14.27	154	878859	37.316 ng	97
53) 3-Nitroaniline	14.12	138	283334	37.571 ng	100
54) 2,4-Dinitrophenol	14.35	184	108882	36.215 ng	96
55) Dibenzofuran	14.60	168	1364468	36.123 ng	97
56) 4-Nitrophenol	14.47	139	228418	40.421 ng	98
57) 2,4-Dinitrotoluene	14.59	165	335563	37.802 ng	96
58) Fluorene	15.26	166	1000459	35.795 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	289103	38.938 ng	94
60) Diethylphthalate	15.05	149	1102316	36.111 ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	562888	37.903 ng	98
62) 4-Nitroaniline	15.29	138	276864	34.761 ng	96
63) Azobenzene	15.56	77	1104619	35.194 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	186944	38.357 ng	90
66) n-Nitrosodiphenylamine	15.48	169	947898	38.133 ng	98
67) 4-Bromophenyl-phenylether	16.16	248	402258	43.885 ng	93
68) Hexachlorobenzene	16.28	284	420078	43.498 ng	94
69) Atrazine	16.45	200	258417	38.080 ng	97
70) Pentachlorophenol	16.63	266	173226	41.078 ng	96
71) Phenanthrene	17.00	178	1701349	37.343 ng	100
72) Anthracene	17.10	178	1654088	36.997 ng	99
73) Carbazole	17.37	167	1609275	36.680 ng	100
74) Di-n-butylphthalate	17.95	149	1803951	37.913 ng	99
75) Fluoranthene	18.99	202	1967215	37.264 ng	97
77) Benzidine	19.17	184	690221	37.506 ng	100
78) Pyrene	19.35	202	1960464	38.245 ng	99
80) Butylbenzylphthalate	20.23	149	780280	38.573 ng	99
81) Benzo(a)anthracene	21.06	228	1858493	38.670 ng	100
82) 3,3'-Dichlorobenzidine	20.99	252	659275	41.421 ng	98
83) Chrysene	21.11	228	1707707	37.328 ng	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	1053040	37.429 ng	99
85) Di-n-octyl phthalate	21.86	149	1952637	38.604 ng	98
87) Indeno(1,2,3-cd)pyrene	25.48	276	2662522	43.351 ng	95
88) Benzo(b)fluoranthene	22.61	252	2099745	39.793 ng	98
89) Benzo(k)fluoranthene	22.65	252	1905462	36.662 ng	98
90) Benzo(a)pyrene	23.17	252	1965659	39.311 ng	98
91) Dibenzo(a,h)anthracene	25.48	278	2148843	43.383 ng	98
92) Benzo(g,h,i)perylene	26.14	276	2233993	44.484 ng	96

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

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