Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002750.D
Acq On : 15 Jul 2020 12:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 15 13:51:30 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	188491	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	759710	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	467283	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	1013122	20.00	ng		0.00
76) Chrysene-d12	21.07	240	956357	20.00	ng		0.00
86) Perylene-d12	23.26	264	1018566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	887806	79.47	ng		0.00
7) Phenol-d6	6.75	99	1286758	80.70	ng		0.00
23) Nitrobenzene-d5	8.70	82	1164261	81.96	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	397987	81.59	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	2252152	74.56	ng		0.00
79) Terphenyl-d14	19.55	244	3115837	74.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	206838	42.466	ng		98
3) Pyridine	3.50	79	625448	43.088	ng		100
4) n-Nitrosodimethylamine	3.43	42	234896	42.957	ng		96
6) Aniline	6.89	93	829323	41.087	ng		99
8) 2-Chlorophenol	7.13	128	488095	39.268	ng		99
9) Benzaldehyde	6.70	77	326947	37.742	ng		99
10) Phenol	6.78	94	667034	40.840	ng		100
11) bis(2-Chloroethyl)ether	6.99	93	557157	41.013	ng		99
12) 1,3-Dichlorobenzene	7.45	146	541881	38.019	ng		99
13) 1,4-Dichlorobenzene	7.59	146	546705	38.221	ng		99
14) 1,2-Dichlorobenzene	7.90	146	525647	38.107	ng		99
15) Benzyl Alcohol	7.80	79	458934	43.013	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	800222	40.958	ng		99
17) 2-Methylphenol	8.01	107	471294	40.503	ng		99
18) Hexachloroethane	8.62	117	202452	39.960	ng		99
19) n-Nitroso-di-n-propylamine	8.36	70	404711	41.682	ng		99
20) 3+4-Methylphenols	8.34	107	633388	41.167	ng		99
22) Acetophenone	8.37	105	745003	39.779	ng	#	99
24) Nitrobenzene	8.74	77	635089	41.284	ng		98
25) Isophorone	9.26	82	1202816	41.548	ng		99
26) 2-Nitrophenol	9.45	139	272024	40.940	ng		96
27) 2,4-Dimethylphenol	9.53	122	432204	40.066	ng		99
28) bis(2-Chloroethoxy)methane	9.75	93	728708	41.441	ng		100
29) 2,4-Dichlorophenol	9.99	162	473961	39.853	ng		99
30) 1,2,4-Trichlorobenzene	10.19	180	520094	38.180	ng		98
31) Naphthalene	10.38	128	1543695	38.487	ng		100
32) Benzoic acid	9.72	122	295178	37.228	ng		97
33) 4-Chloroaniline	10.49	127	694031	40.381	ng		99
34) Hexachlorobutadiene	10.67	225	300194	38.127	ng		100
35) Caprolactam	11.26	113	171070	41.140	ng		96
36) 4-Chloro-3-methylphenol	11.65	107	529070	41.271	ng		98
37) 2-Methylnaphthalene	12.00	142	1107135	39.117	ng		99
38) 1-Methylnaphthalene	12.22	142	1042730	38.951	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	558339	38.879	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	222719	39.193	ng	99
43) 2,4,6-Trichlorophenol	12.63	196	376438	40.952	ng	98
44) 2,4,5-Trichlorophenol	12.71	196	431035	40.429	ng	98
46) 1,1'-Biphenyl	13.03	154	1333955	38.292	ng	100
47) 2-Chloronaphthalene	13.06	162	1082640	38.262	ng	97
48) 2-Nitroaniline	13.28	65	382740	43.760	ng	97
49) Acenaphthylene	13.92	152	1743442	39.086	ng	100
50) Dimethylphthalate	13.68	163	1401886	39.338	ng	100
51) 2,6-Dinitrotoluene	13.79	165	309757	40.600	ng	94
52) Acenaphthene	14.27	154	1035168	38.831	ng	98
53) 3-Nitroaniline	14.12	138	361157	42.310	ng	94
54) 2,4-Dinitrophenol	14.34	184	144743	40.549	ng	99
55) Dibenzofuran	14.61	168	1630822	38.144	ng	98
56) 4-Nitrophenol	14.46	139	252549	39.599	ng	93
57) 2,4-Dinitrotoluene	14.59	165	428218	42.618	ng	95
58) Fluorene	15.26	166	1199440	37.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	343749	40.903	ng	99
60) Diethylphthalate	15.05	149	1373411	39.749	ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	636992	37.895	ng	97
62) 4-Nitroaniline	15.29	138	361304	39.861	ng	95
63) Azobenzene	15.56	77	1497723	42.158	ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	236571	40.046	ng	98
66) n-Nitrosodiphenylamine	15.48	169	1154180	38.565	ng	99
67) 4-Bromophenyl-phenylether	16.16	248	434336	39.357	ng	98
68) Hexachlorobenzene	16.28	284	444643	38.241	ng	99
69) Atrazine	16.45	200	328079	40.155	ng	98
70) Pentachlorophenol	16.63	266	214164	41.981	ng	97
71) Phenanthrene	17.00	178	2090633	38.113	ng	100
72) Anthracene	17.10	178	2084209	38.720	ng	100
73) Carbazole	17.37	167	2088360	39.535	ng	99
74) Di-n-butylphthalate	17.95	149	2376597	41.485	ng	100
75) Fluoranthene	18.99	202	2540263	39.966	ng	99
77) Benzidine	19.17	184	973247	41.056	ng	100
78) Pyrene	19.35	202	2593328	39.275	ng	99
80) Butylbenzylphthalate	20.24	149	1114684	42.779	ng	97
81) Benzo(a)anthracene	21.06	228	2481668	40.087	ng	100
82) 3,3'-Dichlorobenzidine	20.99	252	864923	42.186	ng	98
83) Chrysene	21.11	228	2268393	38.493	ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	1526265	42.115	ng	99
85) Di-n-octyl phthalate	21.87	149	2813558	43.182	ng	99
87) Indeno(1,2,3-cd)pyrene	25.47	276	2913288	39.573	ng	100
88) Benzo(b)fluoranthene	22.61	252	2575566	40.722	ng	99
89) Benzo(k)fluoranthene	22.65	252	2517752	40.415	ng	100
90) Benzo(a)pyrene	23.17	252	2436606	40.654	ng	98
91) Dibenzo(a,h)anthracene	25.47	278	2348305	39.553	ng	99
92) Benzo(g,h,i)perylene	26.13	276	2324255	38.612	ng	98

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

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