Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002946.D
Acq On : 12 Aug 2020 12:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 12 16:12:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	514045	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	1996896	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1168608	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	2437396	20.00	ng	0.00
76) Chrysene-d12	21.19	240	2196976	20.00	ng	0.00
86) Perylene-d12	23.44	264	2218307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2614486	77.84	ng	0.00
7) Phenol-d6	6.88	99	3413247	73.20	ng	0.00
23) Nitrobenzene-d5	8.85	82	2584242	70.09	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1244299	85.67	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6770855	79.16	ng	0.00
79) Terphenyl-d14	19.67	244	8740956	79.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	490514	34.022	ng	99
3) Pyridine	3.63	79	1333716	33.204	ng	99
4) n-Nitrosodimethylamine	3.55	42	378301	32.061	ng	99
6) Aniline	7.03	93	1951209	36.067	ng	99
8) 2-Chlorophenol	7.27	128	1545773	43.165	ng	99
9) Benzaldehyde	6.84	77	832770	33.542	ng	99
10) Phenol	6.90	94	1689072	35.966	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	1294060	35.825	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1683009	41.639	ng	100
13) 1,4-Dichlorobenzene	7.73	146	1705485	41.745	ng	99
14) 1,2-Dichlorobenzene	8.05	146	1613176	41.405	ng	99
15) Benzyl Alcohol	7.94	79	1064879	34.611	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	1103640	32.521	ng	99
17) 2-Methylphenol	8.15	107	1172535	39.071	ng	98
18) Hexachloroethane	8.78	117	567846	39.849	ng	99
19) n-Nitroso-di-n-propylamine	8.51	70	855017	31.822	ng	99
20) 3+4-Methylphenols	8.48	107	1603377	39.643	ng	99
22) Acetophenone	8.52	105	2034845	36.116	ng	99
24) Nitrobenzene	8.89	77	1345078	33.605	ng	100
25) Isophorone	9.42	82	2678929	33.822	ng	100
26) 2-Nitrophenol	9.60	139	809572	48.413	ng	100
27) 2,4-Dimethylphenol	9.67	122	1289877	40.893	ng	98
28) bis(2-Chloroethoxy)methane	9.90	93	1568920	35.504	ng	99
29) 2,4-Dichlorophenol	10.13	162	1439239	43.354	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	1503918	38.754	ng	100
31) Naphthalene	10.53	128	4713398	41.233	ng	100
32) Benzoic acid	9.83	122	979858	52.048	ng	97
33) 4-Chloroaniline	10.63	127	1992772	42.065	ng	100
34) Hexachlorobutadiene	10.83	225	861524	36.277	ng	99
35) Caprolactam	11.41	113	480482	46.777	ng	95
36) 4-Chloro-3-methylphenol	11.78	107	1387805	40.216	ng	98
37) 2-Methylnaphthalene	12.15	142	3411249	41.952	ng	99
38) 1-Methylnaphthalene	12.37	142	3206430	41.891	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1544766	36.766	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	826610	37.924 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	1094195	44.933 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	1185548	44.380 ng	100
46) 1,1'-Biphenyl	13.18	154	4071338	42.143 ng	99
47) 2-Chloronaphthalene	13.21	162	3156598	41.727 ng	99
48) 2-Nitroaniline	13.40	65	667400	36.414 ng	98
49) Acenaphthylene	14.06	152	5095479	42.949 ng	100
50) Dimethylphthalate	13.80	163	3912239	42.803 ng	100
51) 2,6-Dinitrotoluene	13.91	165	915651	44.657 ng	98
52) Acenaphthene	14.40	154	3106872	40.744 ng	100
53) 3-Nitroaniline	14.24	138	1010171	46.783 ng	99
54) 2,4-Dinitrophenol	14.45	184	422915	51.873 ng	98
55) Dibenzofuran	14.74	168	4818546	41.197 ng	99
56) 4-Nitrophenol	14.55	139	844594	52.111 ng	99
57) 2,4-Dinitrotoluene	14.70	165	1244929	46.019 ng	98
58) Fluorene	15.39	166	3659561	39.962 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	980457	43.988 ng	99
60) Diethylphthalate	15.18	149	3947975	44.204 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1738903	36.895 ng	99
62) 4-Nitroaniline	15.41	138	992918	46.875 ng	100
63) Azobenzene	15.69	77	3013406	33.515 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	634698	49.693 ng	98
66) n-Nitrosodiphenylamine	15.61	169	3393679	42.041 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	1146045	38.648 ng	99
68) Hexachlorobenzene	16.40	284	1288004	37.553 ng	99
69) Atrazine	16.57	200	1090004	39.856 ng	99
70) Pentachlorophenol	16.75	266	819516	46.077 ng	99
71) Phenanthrene	17.13	178	5897901	41.265 ng	100
72) Anthracene	17.23	178	5866975	41.999 ng	99
73) Carbazole	17.49	167	5834756	42.770 ng	100
74) Di-n-butylphthalate	18.07	149	6660224	46.410 ng	99
75) Fluoranthene	19.11	202	6730042	40.869 ng	99
77) Benzidine	19.29	184	2994485	44.698 ng	99
78) Pyrene	19.46	202	6814174	44.368 ng	99
80) Butylbenzylphthalate	20.35	149	3125429	49.963 ng	99
81) Benzo(a)anthracene	21.17	228	6309244	42.161 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	2685793	45.344 ng	99
83) Chrysene	21.22	228	5943244	42.102 ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	4509991	53.059 ng	100
85) Di-n-octyl phthalate	22.00	149	7481088	53.576 ng	99
87) Indeno(1,2,3-cd)pyrene	25.74	276	6689163	37.652 ng	100
88) Benzo(b)fluoranthene	22.76	252	6663881	42.569 ng	99
89) Benzo(k)fluoranthene	22.81	252	6288331	42.500 ng	99
90) Benzo(a)pyrene	23.35	252	6040165	42.702 ng	99
91) Dibenzo(a,h)anthracene	25.76	278	5702045	37.711 ng	99
92) Benzo(g,h,i)perylene	26.44	276	5394511	36.894 ng	100

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

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