Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071420\
Data File : BP002741.D
Acq On : 14 Jul 2020 10:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 14 12:01:39 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	180322	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	737953	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	450570	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	963407	20.00	ng	0.00
76) Chrysene-d12	21.08	240	891734	20.00	ng	0.00
86) Perylene-d12	23.27	264	976725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	863391	80.78	ng	0.00
7) Phenol-d6	6.76	99	1252810	82.13	ng	0.00
23) Nitrobenzene-d5	8.70	82	1137248	82.42	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	379699	80.73	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2158244	74.10	ng	0.00
79) Terphenyl-d14	19.56	244	2993524	76.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	198301	42.557	ng	98
3) Pyridine	3.50	79	607898	43.777	ng	100
4) n-Nitrosodimethylamine	3.43	42	229933	43.954	ng	98
6) Aniline	6.89	93	808236	41.856	ng	99
8) 2-Chlorophenol	7.13	128	472673	39.750	ng	98
9) Benzaldehyde	6.70	77	313017	37.771	ng	98
10) Phenol	6.78	94	647497	41.439	ng	98
11) bis(2-Chloroethyl)ether	6.99	93	546723	42.068	ng	99
12) 1,3-Dichlorobenzene	7.45	146	525771	38.559	ng	98
13) 1,4-Dichlorobenzene	7.59	146	528374	38.613	ng	99
14) 1,2-Dichlorobenzene	7.90	146	509050	38.576	ng	99
15) Benzyl Alcohol	7.80	79	450410	44.127	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	777036	41.573	ng	99
17) 2-Methylphenol	8.02	107	461456	41.454	ng	100
18) Hexachloroethane	8.62	117	195027	40.238	ng	99
19) n-Nitroso-di-n-propylamine	8.36	70	391743	42.174	ng	99
20) 3+4-Methylphenols	8.35	107	618534	42.022	ng	98
22) Acetophenone	8.38	105	724716	39.836	ng	99
24) Nitrobenzene	8.75	77	616495	41.256	ng	100
25) Isophorone	9.27	82	1176757	41.846	ng	99
26) 2-Nitrophenol	9.45	139	268512	41.603	ng	97
27) 2,4-Dimethylphenol	9.53	122	420364	40.118	ng	99
28) bis(2-Chloroethoxy)methane	9.76	93	708114	41.457	ng	99
29) 2,4-Dichlorophenol	10.00	162	460988	39.904	ng	99
30) 1,2,4-Trichlorobenzene	10.20	180	501095	37.870	ng	99
31) Naphthalene	10.38	128	1509536	38.745	ng	100
32) Benzoic acid	9.72	122	300759	38.705	ng	96
33) 4-Chloroaniline	10.49	127	669657	40.112	ng	99
34) Hexachlorobutadiene	10.68	225	288990	37.786	ng	99
35) Caprolactam	11.27	113	166196	41.146	ng	96
36) 4-Chloro-3-methylphenol	11.65	107	513046	41.201	ng	99
37) 2-Methylnaphthalene	12.00	142	1067627	38.833	ng	98
38) 1-Methylnaphthalene	12.22	142	1001720	38.522	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	533568	38.532	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	214219	39.114	ng	98
43) 2,4,6-Trichlorophenol	12.63	196	360242	40.644	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	410317	39.913	ng	98
46) 1,1'-Biphenyl	13.03	154	1298167	38.647	ng	99
47) 2-Chloronaphthalene	13.07	162	1045849	38.333	ng	98
48) 2-Nitroaniline	13.29	65	371985	44.108	ng	96
49) Acenaphthylene	13.93	152	1683509	39.142	ng	99
50) Dimethylphthalate	13.68	163	1342146	39.059	ng	99
51) 2,6-Dinitrotoluene	13.79	165	301362	40.965	ng	96
52) Acenaphthene	14.27	154	997739	38.816	ng	100
53) 3-Nitroaniline	14.12	138	346654	42.117	ng	94
54) 2,4-Dinitrophenol	14.34	184	138204	40.264	ng	92
55) Dibenzofuran	14.62	168	1582102	38.377	ng	99
56) 4-Nitrophenol	14.46	139	245007	39.811	ng	94
57) 2,4-Dinitrotoluene	14.59	165	411469	42.470	ng	94
58) Fluorene	15.27	166	1154928	37.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	331790	40.945	ng	99
60) Diethylphthalate	15.06	149	1311782	39.374	ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	600771	37.066	ng	98
62) 4-Nitroaniline	15.30	138	348254	39.847	ng	98
63) Azobenzene	15.56	77	1430495	41.759	ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	224770	40.016	ng	98
66) n-Nitrosodiphenylamine	15.49	169	1096276	38.521	ng	98
67) 4-Bromophenyl-phenylether	16.16	248	412676	39.324	ng	97
68) Hexachlorobenzene	16.29	284	426609	38.583	ng	98
69) Atrazine	16.45	200	312141	40.175	ng	97
70) Pentachlorophenol	16.63	266	197490	40.936	ng	99
71) Phenanthrene	17.02	178	2027545	38.870	ng	100
72) Anthracene	17.10	178	2022564	39.513	ng	99
73) Carbazole	17.38	167	1970092	39.221	ng	98
74) Di-n-butylphthalate	17.96	149	2269800	41.666	ng	100
75) Fluoranthene	19.00	202	2348172	38.850	ng	100
77) Benzidine	19.19	184	943239	42.674	ng	99
78) Pyrene	19.35	202	2450747	39.805	ng	99
80) Butylbenzylphthalate	20.25	149	1062195	43.719	ng	98
81) Benzo(a)anthracene	21.06	228	2287688	39.631	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	823375	43.070	ng	98
83) Chrysene	21.12	228	2153966	39.201	ng	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	1473275	43.599	ng	98
85) Di-n-octyl phthalate	21.87	149	2678942	44.096	ng	99
87) Indeno(1,2,3-cd)pyrene	25.49	276	2919134	41.351	ng	99
88) Benzo(b)fluoranthene	22.62	252	2495632	41.149	ng	98
89) Benzo(k)fluoranthene	22.66	252	2372883	39.721	ng	99
90) Benzo(a)pyrene	23.18	252	2341938	40.749	ng	97
91) Dibenzo(a,h)anthracene	25.49	278	2344198	41.175	ng	99
92) Benzo(g,h,i)perylene	26.16	276	2403324	41.635	ng	99

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

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