Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
Data File : BP003129.D
Acq On : 27 Aug 2020 12:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 27 15:09:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	169597	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	729988	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	493332	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1132559	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1270030	20.00	ng	0.00
86) Perylene-d12	23.39	264	1594726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	688715	71.80	ng	0.00
7) Phenol-d6	6.85	99	961229	79.94	ng	0.00
23) Nitrobenzene-d5	8.80	82	755717	74.63	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	559094	83.79	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2429910	72.13	ng	0.00
79) Terphenyl-d14	19.63	244	4225192	73.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	119342	32.543	ng	99
3) Pyridine	3.59	79	359002	37.198	ng	98
4) n-Nitrosodimethylamine	3.50	42	95743	37.989	ng	91
6) Aniline	6.99	93	533495	40.750	ng	99
8) 2-Chlorophenol	7.23	128	408320	38.182	ng	99
9) Benzaldehyde	6.80	77	219924	39.229	ng	98
10) Phenol	6.87	94	439799	39.466	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	344521	39.061	ng	99
12) 1,3-Dichlorobenzene	7.55	146	479150	36.849	ng	99
13) 1,4-Dichlorobenzene	7.70	146	484057	36.875	ng	99
14) 1,2-Dichlorobenzene	8.01	146	470203	37.782	ng	100
15) Benzyl Alcohol	7.90	79	291747	43.061	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	291352	38.980	ng	99
17) 2-Methylphenol	8.11	107	326352	41.109	ng	99
18) Hexachloroethane	8.74	117	158313	36.864	ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	232861	42.862	ng	99
20) 3+4-Methylphenols	8.43	107	455260	42.562	ng	100
22) Acetophenone	8.48	105	610055	37.526	ng	100
24) Nitrobenzene	8.85	77	368304	37.032	ng	100
25) Isophorone	9.38	82	718158	40.197	ng	100
26) 2-Nitrophenol	9.56	139	231488	39.051	ng	99
27) 2,4-Dimethylphenol	9.63	122	342997	38.490	ng	96
28) bis(2-Chloroethoxy)methane	9.86	93	496265	37.293	ng	98
29) 2,4-Dichlorophenol	10.09	162	429141	38.815	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	477682	36.287	ng	99
31) Naphthalene	10.49	128	1377892	36.739	ng	100
32) Benzoic acid	9.77	122	257251	39.319	ng	94
33) 4-Chloroaniline	10.60	127	629461	40.169	ng	99
34) Hexachlorobutadiene	10.79	225	284870	36.058	ng	98
35) Caprolactam	11.36	113	153644	46.245	ng	100
36) 4-Chloro-3-methylphenol	11.74	107	429405	41.597	ng	99
37) 2-Methylnaphthalene	12.11	142	1030861	38.423	ng	99
38) 1-Methylnaphthalene	12.33	142	988800	38.776	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	520576	35.602	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	225116	32.569	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	365733	38.040	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	390882	38.436	ng	99
46) 1,1'-Biphenyl	13.13	154	1327860	35.884	ng	99
47) 2-Chloronaphthalene	13.17	162	1086702	35.877	ng	99
48) 2-Nitroaniline	13.37	65	230093	40.571	ng	93
49) Acenaphthylene	14.02	152	1708298	37.298	ng	100
50) Dimethylphthalate	13.77	163	1447237	38.469	ng	100
51) 2,6-Dinitrotoluene	13.87	165	310645	39.730	ng	99
52) Acenaphthene	14.37	154	1038400	36.904	ng	98
53) 3-Nitroaniline	14.20	138	363940	41.083	ng	98
54) 2,4-Dinitrophenol	14.42	184	136378	36.589	ng	98
55) Dibenzofuran	14.70	168	1645810	37.243	ng	100
56) 4-Nitrophenol	14.53	139	277888	43.603	ng	99
57) 2,4-Dinitrotoluene	14.67	165	441310	41.977	ng	99
58) Fluorene	15.36	166	1311627	38.531	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	371510	40.377	ng	99
60) Diethylphthalate	15.14	149	1451750	39.333	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	665464	37.855	ng	99
62) 4-Nitroaniline	15.37	138	393058	43.164	ng	98
63) Azobenzene	15.65	77	937828	38.284	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	205540	37.948	ng	99
66) n-Nitrosodiphenylamine	15.57	169	1193480	36.039	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	454359	36.350	ng	99
68) Hexachlorobenzene	16.37	284	550362	36.983	ng	100
69) Atrazine	16.53	200	435527	38.993	ng	99
70) Pentachlorophenol	16.72	266	302069	42.448	ng	99
71) Phenanthrene	17.10	178	2235694	36.430	ng	100
72) Anthracene	17.19	178	2203784	37.522	ng	99
73) Carbazole	17.46	167	2158616	38.295	ng	99
74) Di-n-butylphthalate	18.03	149	2587575	39.050	ng	100
75) Fluoranthene	19.07	202	2775659	39.133	ng	100
77) Benzidine	19.26	184	1130793	38.957	ng	99
78) Pyrene	19.43	202	2876489	34.897	ng	99
80) Butylbenzylphthalate	20.31	149	1307573	38.527	ng	99
81) Benzo(a)anthracene	21.13	228	2945030	37.020	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	1157435	39.554	ng	99
83) Chrysene	21.19	228	2795135	36.696	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1882860	38.416	ng	100
85) Di-n-octyl phthalate	21.95	149	3446515	41.014	ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	4459606	37.499	ng	98
88) Benzo(b)fluoranthene	22.72	252	3530325	35.618	ng	99
89) Benzo(k)fluoranthene	22.76	252	3161641	33.385	ng	99
90) Benzo(a)pyrene	23.29	252	3256482	35.414	ng	99
91) Dibenzo(a,h)anthracene	25.68	278	3643353	37.293	ng	99
92) Benzo(g,h,i)perylene	26.36	276	3687771	37.614	ng	99

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

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