Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044986.D
Acq On : 15 Apr 2020 17:37
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG041520

Quant Time: Apr 15 18:13:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	90192	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	381907	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	283216	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	663456	20.00	ng	0.00
76) Chrysene-d12	21.67	240	567793	20.00	ng	0.00
87) Perylene-d12	24.86	264	676773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	413122	75.62	ng	0.00
7) Phenol-d6	7.18	99	630078	77.63	ng	0.00
23) Nitrobenzene-d5	9.19	82	609740	72.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	319435	73.01	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1410253	73.01	ng	0.00
79) Terphenyl-d14	20.02	244	2194182	84.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	98851	40.715	ng	95
3) Pyridine	3.89	79	250023	33.446	ng	96
4) n-Nitrosodimethylamine	3.80	42	92290	40.302	ng	96
6) Aniline	7.35	93	419769	39.776	ng	99
8) 2-Chlorophenol	7.59	128	233306	39.737	ng	95
9) Benzaldehyde	7.16	77	198485	44.919	ng	95
10) Phenol	7.21	94	331695	40.838	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	247253	38.234	ng	98
12) 1,3-Dichlorobenzene	7.92	146	263004	38.014	ng	98
13) 1,4-Dichlorobenzene	8.06	146	262882	38.133	ng	98
14) 1,2-Dichlorobenzene	8.38	146	250510	37.983	ng	98
15) Benzyl Alcohol	8.26	79	265390	38.998	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	238566	37.582	ng	97
17) 2-Methylphenol	8.46	107	227903	36.367	ng	94
18) Hexachloroethane	9.11	117	100486	38.773	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	229578	39.995	ng	99
20) 3+4-Methylphenols	8.79	107	324022	36.940	ng	96
22) Acetophenone	8.84	105	434449	42.066	ng	100
24) Nitrobenzene	9.23	77	322959	37.643	ng	97
25) Isophorone	9.75	82	648057	37.809	ng	99
26) 2-Nitrophenol	9.94	139	152925	41.381	ng	94
27) 2,4-Dimethylphenol	10.00	122	247088	42.138	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	367287	40.784	ng	99
29) 2,4-Dichlorophenol	10.48	162	265817	39.259	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	288086	37.580	ng	97
31) Naphthalene	10.88	128	808846	38.715	ng	99
32) Benzoic acid	10.14	122	180999	39.510	ng	90
33) 4-Chloroaniline	10.98	127	365916	37.555	ng	98
34) Hexachlorobutadiene	11.18	225	193364	36.789	ng	99
35) Caprolactam	11.75	113	107106	39.746	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	310963	39.095	ng	94
37) 2-Methylnaphthalene	12.49	142	628513	38.758	ng	98
38) 1-Methylnaphthalene	12.70	142	586907	38.338	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	364484	39.971	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	240643	42.223 ng	97
43) 2,4,6-Trichlorophenol	13.09	196	243744	37.874 ng	99
44) 2,4,5-Trichlorophenol	13.16	196	269968	36.853 ng	99
46) 1,1'-Biphenyl	13.49	154	832292	38.664 ng	98
47) 2-Chloronaphthalene	13.54	162	612610	37.244 ng	99
48) 2-Nitroaniline	13.73	65	201926	37.312 ng	97
49) Acenaphthylene	14.38	152	1032038	38.520 ng	98
50) Dimethylphthalate	14.11	163	849978	36.858 ng	99
51) 2,6-Dinitrotoluene	14.23	165	201245	39.016 ng	98
52) Acenaphthene	14.72	154	686724	37.883 ng	99
53) 3-Nitroaniline	14.55	138	202624	35.817 ng	96
54) 2,4-Dinitrophenol	14.76	184	118504	38.637 ng	99
55) Dibenzofuran	15.06	168	990335	37.473 ng	98
56) 4-Nitrophenol	14.86	139	165763	37.791 ng	97
57) 2,4-Dinitrotoluene	15.01	165	283092	37.556 ng	94
58) Fluorene	15.71	166	814987	37.754 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	252530	38.743 ng	98
60) Diethylphthalate	15.48	149	880987	36.642 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	450708	36.274 ng	99
62) 4-Nitroaniline	15.72	138	217824	37.123 ng	93
63) Azobenzene	15.99	77	830621	37.471 ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	179766	41.222 ng	94
66) n-Nitrosodiphenylamine	15.91	169	746094	39.140 ng	100
67) 4-Bromophenyl-phenylether	16.59	248	313891	36.673 ng	97
68) Hexachlorobenzene	16.72	284	336015	37.853 ng	98
69) Atrazine	16.86	200	300971	43.085 ng	99
70) Pentachlorophenol	17.06	266	214430	39.377 ng	99
71) Phenanthrene	17.44	178	1315295	38.579 ng	99
72) Anthracene	17.54	178	1331574	38.936 ng	99
73) Carbazole	17.80	167	1250562	36.034 ng	99
74) Di-n-butylphthalate	18.37	149	1483793	38.384 ng	99
75) Fluoranthene	19.45	202	1599664	39.112 ng	99
77) Benzidine	19.63	184	736420	44.746 ng	98
78) Pyrene	19.81	202	1601418	40.911 ng	99
80) Butylbenzylphthalate	20.70	149	665942	41.043 ng	98
81) Benzo(a)anthracene	21.65	228	1513867	41.137 ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	618751	42.242 ng	99
83) Chrysene	21.72	228	1470059	41.575 ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	911602	40.850 ng	100
85) Di-n-octyl phthalate	22.78	149	1573336	40.771 ng	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	1979805	42.172 ng	100
88) Benzo(b)fluoranthene	23.85	252	1664816	39.271 ng	99
89) Benzo(k)fluoranthene	23.92	252	1601845	39.733 ng	100
90) Benzo(a)pyrene	24.71	252	1615550	40.363 ng	99
91) Dibenzo(a,h)anthracene	28.55	278	1580418	39.186 ng	98
92) Benzo(g,h,i)perylene	29.62	276	1627263	40.244 ng	99

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

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