Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
Data File : BG044573.D
Acq On : 24 Feb 2020 16:04
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG022420

Quant Time: Feb 24 17:48:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	59718	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	251323	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	168978	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	382575	20.00	ng	0.00
76) Chrysene-d12	21.51	240	343189	20.00	ng	0.00
87) Perylene-d12	24.57	264	396044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	267161	71.78	ng	0.00
7) Phenol-d6	7.05	99	380367	74.66	ng	0.00
23) Nitrobenzene-d5	9.03	82	346173	70.96	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	173674	72.49	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	852538	72.25	ng	0.00
79) Terphenyl-d14	19.88	244	1375132	75.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	60936	37.518	ng	100
3) Pyridine	3.73	79	146397	32.304	ng	98
4) n-Nitrosodimethylamine	3.64	42	65605	38.115	ng	95
6) Aniline	7.19	93	250474	40.381	ng	98
8) 2-Chlorophenol	7.44	128	160508	39.505	ng	98
9) Benzaldehyde	7.01	77	116546	38.903	ng	99
10) Phenol	7.08	94	197140	39.930	ng	100
11) bis(2-Chloroethyl)ether	7.29	93	157852	38.032	ng	98
12) 1,3-Dichlorobenzene	7.76	146	176934	36.512	ng	100
13) 1,4-Dichlorobenzene	7.91	146	179689	36.896	ng	100
14) 1,2-Dichlorobenzene	8.23	146	171407	37.010	ng	99
15) Benzyl Alcohol	8.12	79	139082	40.479	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	207295	37.163	ng	99
17) 2-Methylphenol	8.33	107	141339	40.073	ng	95
18) Hexachloroethane	8.96	117	63705	35.793	ng	99
19) n-Nitroso-di-n-propylamine	8.68	70	129266	39.473	ng	99
20) 3+4-Methylphenols	8.66	107	194109	40.198	ng	99
22) Acetophenone	8.70	105	262001	41.522	ng	99
24) Nitrobenzene	9.07	77	179626	38.006	ng	99
25) Isophorone	9.60	82	363535	39.835	ng	99
26) 2-Nitrophenol	9.79	139	101567	39.626	ng	99
27) 2,4-Dimethylphenol	9.86	122	164673	45.757	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	224178	37.146	ng	100
29) 2,4-Dichlorophenol	10.33	162	168125	39.075	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	180141	36.202	ng	98
31) Naphthalene	10.73	128	526897	38.421	ng	99
32) Benzoic acid	10.03	122	44815	39.695	ng	99
33) 4-Chloroaniline	10.83	127	237215	39.273	ng	98
34) Hexachlorobutadiene	11.02	225	107388	34.365	ng	99
35) Caprolactam	11.61	113	62055	40.288	ng	96
36) 4-Chloro-3-methylphenol	11.97	107	179916	40.623	ng	97
37) 2-Methylnaphthalene	12.34	142	400359	39.501	ng	99
38) 1-Methylnaphthalene	12.56	142	372546	38.684	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	218684	38.442	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	96084	40.225 ng	100
43) 2,4,6-Trichlorophenol	12.95	196	137041	37.101 ng	99
44) 2,4,5-Trichlorophenol	13.03	196	148569	39.156 ng	97
46) 1,1'-Biphenyl	13.35	154	536746	38.384 ng	97
47) 2-Chloronaphthalene	13.39	162	400902	36.561 ng	99
48) 2-Nitroaniline	13.59	65	111840	36.743 ng	100
49) Acenaphthylene	14.24	152	641197	39.613 ng	100
50) Dimethylphthalate	13.97	163	515728	37.813 ng	99
51) 2,6-Dinitrotoluene	14.09	165	117691	39.127 ng	100
52) Acenaphthene	14.59	154	389200	37.721 ng	99
53) 3-Nitroaniline	14.42	138	120100	37.022 ng	99
54) 2,4-Dinitrophenol	14.64	184	57142	37.519 ng	95
55) Dibenzofuran	14.92	168	619635	39.173 ng	99
56) 4-Nitrophenol	14.74	139	92152	41.297 ng	96
57) 2,4-Dinitrotoluene	14.88	165	167629	39.638 ng	99
58) Fluorene	15.57	166	490799	39.133 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.15	232	130877	37.456 ng	97
60) Diethylphthalate	15.34	149	514250	38.054 ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	256294	37.584 ng	99
62) 4-Nitroaniline	15.58	138	127411	39.224 ng	98
63) Azobenzene	15.86	77	447946	38.949 ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	99663	42.072 ng	98
66) n-Nitrosodiphenylamine	15.77	169	456783	38.277 ng	99
67) 4-Bromophenyl-phenylether	16.45	248	173773	36.593 ng	99
68) Hexachlorobenzene	16.58	284	190534	35.487 ng	99
69) Atrazine	16.72	200	166955	37.844 ng	98
70) Pentachlorophenol	16.92	266	85226	36.765 ng	95
71) Phenanthrene	17.31	178	804648	37.990 ng	100
72) Anthracene	17.39	178	825049	39.527 ng	99
73) Carbazole	17.66	167	743868	39.152 ng	99
74) Di-n-butylphthalate	18.23	149	897373	37.692 ng	100
75) Fluoranthene	19.32	202	974553	38.868 ng	100
77) Benzidine	19.50	184	403618	34.333 ng	98
78) Pyrene	19.68	202	978697	39.285 ng	99
80) Butylbenzylphthalate	20.57	149	405664	37.227 ng	98
81) Benzo(a)anthracene	21.49	228	916216	37.985 ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	370269	38.857 ng	99
83) Chrysene	21.55	228	888623	38.104 ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	570254	37.979 ng	99
85) Di-n-octyl phthalate	22.57	149	1016051	38.461 ng	100
86) Indeno(1,2,3-cd)pyrene	28.05	276	1146558	38.309 ng	99
88) Benzo(b)fluoranthene	23.61	252	999248	38.375 ng	100
89) Benzo(k)fluoranthene	23.67	252	976073	38.633 ng	98
90) Benzo(a)pyrene	24.43	252	973795	39.803 ng	99
91) Dibenzo(a,h)anthracene	28.11	278	941411	38.908 ng	99
92) Benzo(g,h,i)perylene	29.14	276	952444	39.289 ng	98

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

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