Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
Data File : BG060128.D
Acq On : 21 Dec 2023 18:49
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG122123

Quant Time: Dec 22 03:43:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	82330	20.000	ng		0.00
21) Naphthalene-d8	10.749	136	447127	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	435931	20.000	ng		0.00
64) Phenanthrene-d10	17.329	188	1351519	20.000	ng		0.00
76) Chrysene-d12	21.601	240	1321097	20.000	ng		0.00
86) Perylene-d12	24.768	264	1175667	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.514	112	420632	80.505	ng		0.00
7) Phenol-d6	7.106	99	756236	86.001	ng		0.00
23) Nitrobenzene-d5	9.104	82	773926	84.792	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	542927	92.500	ng		0.00
45) 2-Fluorobiphenyl	13.205	172	2308519	79.516	ng		0.00
79) Terphenyl-d14	19.950	244	5077800	69.552	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	84794	38.839	ng		93
3) Pyridine	3.810	79	304829	43.200	ng		99
4) n-Nitrosodimethylamine	3.728	42	133930	41.781	ng		97
6) Aniline	7.271	93	409894	44.640	ng		97
8) 2-Chlorophenol	7.506	128	250248	43.225	ng		99
9) Benzaldehyde	7.082	77	204702	41.964	ng		91
10) Phenol	7.129	94	375766	42.767	ng		99
11) bis(2-Chloroethyl)ether	7.364	93	286375	41.517	ng		97
12) 1,3-Dichlorobenzene	7.835	146	257088	39.732	ng		96
13) 1,4-Dichlorobenzene	7.981	146	260167	38.872	ng		98
14) 1,2-Dichlorobenzene	8.293	146	274117	40.672	ng		99
15) Benzyl Alcohol	8.175	79	296722	45.967	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	492055	38.349	ng		98
17) 2-Methylphenol	8.381	107	266040	43.639	ng		98
18) Hexachloroethane	9.027	117	87617	39.446	ng		90
19) n-Nitroso-di-n-propyla...	8.745	70	310423	45.400	ng		98
20) 3+4-Methylphenols	8.710	107	398255	45.504	ng		98
22) Acetophenone	8.763	105	538871	42.255	ng		98
24) Nitrobenzene	9.145	77	400467	42.459	ng		95
25) Isophorone	9.668	82	959119	43.117	ng		96
26) 2-Nitrophenol	9.856	139	158782	42.500	ng	#	95
27) 2,4-Dimethylphenol	9.914	122	218396	42.468	ng		96
28) bis(2-Chloroethoxy)met...	10.149	93	477279	40.862	ng		96
29) 2,4-Dichlorophenol	10.390	162	338077	44.068	ng		91
30) 1,2,4-Trichlorobenzene	10.608	180	337015	40.922	ng		96
31) Naphthalene	10.796	128	968460	40.687	ng		98
32) Benzoic acid	10.044	122	255137	44.377	ng	#	89
33) 4-Chloroaniline	10.907	127	482165	46.870	ng		95
34) Hexachlorobutadiene	11.078	225	186697	40.604	ng		92
35) Caprolactam	11.677	113	215722	53.828	ng		95
36) 4-Chloro-3-methylphenol	12.030	107	441330	48.156	ng		99
37) 2-Methylnaphthalene	12.406	142	803647	43.504	ng		97
38) 1-Methylnaphthalene	12.623	142	828574	44.682	ng		98
40) 1,2,4,5-Tetrachloroben...	12.770	216	441023	38.633	ng		100
41) Hexachlorocyclopentadiene	12.752	237	142984	37.025	ng		96
43) 2,4,6-Trichlorophenol	13.011	196	345367	40.556	ng		96

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44) 2,4,5-Trichlorophenol	13.087	196	403336	41.762	ng		96
46) 1,1'-Biphenyl	13.410	154	1226435	38.719	ng		100
47) 2-Chloronaphthalene	13.457	162	1014810	39.072	ng		97
48) 2-Nitroaniline	13.657	65	380884	44.948	ng		96
49) Acenaphthylene	14.303	152	1685446	41.516	ng		100
50) Dimethylphthalate	14.033	163	1642584	42.840	ng		98
51) 2,6-Dinitrotoluene	14.151	165	348570	45.447	ng		98
52) Acenaphthene	14.644	154	1036354	41.509	ng		99
53) 3-Nitroaniline	14.486	138	387446	47.549	ng		98
54) 2,4-Dinitrophenol	14.691	184	203014	43.423	ng		97
55) Dibenzofuran	14.979	168	1767889	42.043	ng		99
56) 4-Nitrophenol	14.791	139	335514	49.596	ng		97
57) 2,4-Dinitrotoluene	14.944	165	542155	48.155	ng		92
58) Fluorene	15.631	166	1549738	43.560	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.202	232	391677	45.160	ng		96
60) Diethylphthalate	15.396	149	1861010	44.934	ng		99
61) 4-Chlorophenyl-phenyle...	15.620	204	731161	43.108	ng		99
62) 4-Nitroaniline	15.655	138	456442	47.718	ng		95
63) Azobenzene	15.913	77	1584942	42.871	ng		99
65) 4,6-Dinitro-2-methylph...	15.708	198	320975	43.885	ng		97
66) n-Nitrosodiphenylamine	15.837	169	1430388	40.125	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	504484	39.622	ng		95
68) Hexachlorobenzene	16.630	284	579371	39.739	ng		98
69) Atrazine	16.783	200	476078	35.888	ng		98
70) Pentachlorophenol	16.977	266	401223	44.451	ng		97
71) Phenanthrene	17.370	178	2829014	41.543	ng		98
72) Anthracene	17.464	178	2863772	41.775	ng		99
73) Carbazole	17.735	167	3039767	41.767	ng		99
74) Di-n-butylphthalate	18.293	149	3568277	41.350	ng		98
75) Fluoranthene	19.386	202	3732309	41.750	ng		98
77) Benzidine	19.568	184	1257503	35.205	ng		98
78) Pyrene	19.750	202	3954371	39.211	ng		98
80) Butylbenzylphthalate	20.637	149	1504710	44.517	ng		98
81) Benzo(a)anthracene	21.577	228	3598851	41.000	ng		99
82) 3,3'-Dichlorobenzidine	21.495	252	1057082	40.621	ng		99
83) Chrysene	21.642	228	3398751	41.240	ng		98
84) Bis(2-ethylhexyl)phtha...	21.483	149	1875214	41.626	ng		99
85) Di-n-octyl phthalate	22.682	149	3089352	41.155	ng		99
87) Indeno(1,2,3-cd)pyrene	28.399	276	3402943	41.470	ng	#	93
88) Benzo(b)fluoranthene	23.763	252	3042873	40.930	ng		99
89) Benzo(k)fluoranthene	23.833	252	2946534	40.442	ng		100
90) Benzo(a)pyrene	24.627	252	2659034	40.596	ng		100
91) Dibenzo(a,h)anthracene	28.463	278	2811269	41.487	ng		99
92) Benzo(g,h,i)perylene	29.533	276	2818531	41.174	ng		98

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

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