Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060291.D
Acq On : 8 Jan 2024 21:15
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG010824

Quant Time: Jan 09 04:10:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	261407	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1029692	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	734471	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1783108	20.000	ng	0.00
76) Chrysene-d12	21.579	240	1692505	20.000	ng	0.00
86) Perylene-d12	24.740	264	1715384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1295044	81.485	ng	0.00
7) Phenol-d6	7.096	99	1943924	82.601	ng	0.00
23) Nitrobenzene-d5	9.093	82	1826450	83.758	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	878529	81.299	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	4093046	77.479	ng	0.00
79) Terphenyl-d14	19.934	244	5564279	81.722	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.412	88	287167	39.556	ng	99
3) Pyridine	3.805	79	812925	39.687	ng	96
4) n-Nitrosodimethylamine	3.723	42	258291	40.292	ng	99
6) Aniline	7.260	93	960496	40.832	ng	96
8) 2-Chlorophenol	7.495	128	634836	40.305	ng	97
9) Benzaldehyde	7.072	77	541580	40.092	ng	97
10) Phenol	7.119	94	969973	41.108	ng	97
11) bis(2-Chloroethyl)ether	7.354	93	778609	40.495	ng	95
12) 1,3-Dichlorobenzene	7.818	146	783792	39.645	ng	99
13) 1,4-Dichlorobenzene	7.965	146	804071	40.085	ng	98
14) 1,2-Dichlorobenzene	8.283	146	777046	37.673	ng	100
15) Benzyl Alcohol	8.171	79	610785	40.094	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.453	45	885513	37.945	ng	99
17) 2-Methylphenol	8.371	107	633784	39.106	ng	98
18) Hexachloroethane	9.011	117	272554	38.753	ng	93
19) n-Nitroso-di-n-propyla...	8.735	70	636251	39.063	ng	99
20) 3+4-Methylphenols	8.700	107	874009	39.998	ng	96
22) Acetophenone	8.753	105	1144091	40.421	ng	99
24) Nitrobenzene	9.135	77	922086	40.791	ng	98
25) Isophorone	9.657	82	1765110	40.307	ng	98
26) 2-Nitrophenol	9.845	139	351623	42.306	ng	97
27) 2,4-Dimethylphenol	9.904	122	445838	40.595	ng	97
28) bis(2-Chloroethoxy)met...	10.139	93	1084572	40.534	ng	98
29) 2,4-Dichlorophenol	10.380	162	731049	41.077	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	890943	40.239	ng	95
31) Naphthalene	10.786	128	2127923	39.424	ng	100
32) Benzoic acid	10.039	122	341818	37.954	ng	92
33) 4-Chloroaniline	10.891	127	823367	39.590	ng	98
34) Hexachlorobutadiene	11.068	225	561878	38.956	ng	96
35) Caprolactam	11.667	113	228835	39.921	ng	95
36) 4-Chloro-3-methylphenol	12.014	107	720923	39.874	ng	98
37) 2-Methylnaphthalene	12.390	142	1556705	38.887	ng	99
38) 1-Methylnaphthalene	12.613	142	1544754	38.429	ng	99
40) 1,2,4,5-Tetrachloroben...	12.760	216	1016537	38.970	ng	99
41) Hexachlorocyclopentadiene	12.736	237	345459	39.890	ng	98
43) 2,4,6-Trichlorophenol	13.001	196	665466	40.088	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	752991	41.125	ng		97
46) 1,1'-Biphenyl	13.400	154	2159634	38.954	ng		98
47) 2-Chloronaphthalene	13.447	162	1872375	39.422	ng		99
48) 2-Nitroaniline	13.647	65	494927	41.843	ng		99
49) Acenaphthylene	14.293	152	2642440	40.402	ng		99
50) Dimethylphthalate	14.023	163	2250459	40.096	ng		99
51) 2,6-Dinitrotoluene	14.140	165	509438	42.537	ng		93
52) Acenaphthene	14.634	154	1642969	40.342	ng		99
53) 3-Nitroaniline	14.475	138	456541	41.835	ng		99
54) 2,4-Dinitrophenol	14.681	184	253154	39.708	ng		95
55) Dibenzofuran	14.963	168	2712434	39.897	ng		99
56) 4-Nitrophenol	14.781	139	359957	44.470	ng		99
57) 2,4-Dinitrotoluene	14.928	165	699170	42.572	ng		98
58) Fluorene	15.615	166	2227953	39.573	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	637445	40.998	ng		99
60) Diethylphthalate	15.386	149	2186910	40.586	ng		99
61) 4-Chlorophenyl-phenyle...	15.609	204	1224412	39.479	ng		97
62) 4-Nitroaniline	15.639	138	484754	41.736	ng		99
63) Azobenzene	15.903	77	2162910	39.686	ng		99
65) 4,6-Dinitro-2-methylph...	15.692	198	421200	42.699	ng		96
66) n-Nitrosodiphenylamine	15.821	169	1913637	40.418	ng		98
67) 4-Bromophenyl-phenylether	16.502	248	788110	40.225	ng		97
68) Hexachlorobenzene	16.620	284	938704	40.475	ng		99
69) Atrazine	16.767	200	700933	39.262	ng		99
70) Pentachlorophenol	16.961	266	554641	44.367	ng		91
71) Phenanthrene	17.360	178	3459116	40.135	ng		99
72) Anthracene	17.448	178	3435669	39.927	ng		99
73) Carbazole	17.719	167	3267347	40.276	ng		99
74) Di-n-butylphthalate	18.277	149	3444795	41.270	ng		100
75) Fluoranthene	19.370	202	4094502	39.553	ng		98
77) Benzidine	19.558	184	1266979	34.457	ng		99
78) Pyrene	19.734	202	4260491	39.419	ng		98
80) Butylbenzylphthalate	20.621	149	1577378	42.420	ng		96
81) Benzo(a)anthracene	21.555	228	4160609	39.709	ng		99
82) 3,3'-Dichlorobenzidine	21.479	252	1625562	40.511	ng		97
83) Chrysene	21.626	228	4102729	39.813	ng		98
84) Bis(2-ethylhexyl)phtha...	21.461	149	2369131	42.162	ng		100
85) Di-n-octyl phthalate	22.654	149	3560272	39.099	ng		99
87) Indeno(1,2,3-cd)pyrene	28.341	276	5231921	43.865	ng	#	95
88) Benzo(b)fluoranthene	23.735	252	4137234	40.826	ng		97
89) Benzo(k)fluoranthene	23.806	252	4076013	40.760	ng		97
90) Benzo(a)pyrene	24.587	252	3687581	40.282	ng		98
91) Dibenzo(a,h)anthracene	28.412	278	4259779	43.732	ng		99
92) Benzo(g,h,i)perylene	29.470	276	4323347	43.306	ng		98

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

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