Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
Data File : BG059996.D
Acq On : 13 Dec 2023 14:42
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Dec 14 01:41:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:32:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	62907	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	232327	20.000	ng	0.00
39) Acenaphthene-d10	14.594	164	192712	20.000	ng	0.00
64) Phenanthrene-d10	17.344	188	568762	20.000	ng	0.00
76) Chrysene-d12	21.615	240	674221	20.000	ng	0.00
86) Perylene-d12	24.800	264	769276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	275969	75.098	ng	0.00
7) Phenol-d6	7.109	99	422261	81.688	ng	0.00
23) Nitrobenzene-d5	9.118	82	422780	82.632	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	361051	80.393	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1277104	81.108	ng	0.00
79) Terphenyl-d14	19.964	244	3084395	83.522	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	72462	41.671	ng	100
3) Pyridine	3.830	79	201984	41.526	ng	100
4) n-Nitrosodimethylamine	3.748	42	95008	39.663	ng	100
6) Aniline	7.279	93	218851	41.567	ng	100
8) 2-Chlorophenol	7.520	128	141695	40.690	ng	100
9) Benzaldehyde	7.091	77	130985	41.674	ng	100
10) Phenol	7.132	94	214083	41.227	ng	100
11) bis(2-Chloroethyl)ether	7.379	93	149709	40.271	ng	100
12) 1,3-Dichlorobenzene	7.843	146	193371	41.525	ng	100
13) 1,4-Dichlorobenzene	7.990	146	192233	39.671	ng	100
14) 1,2-Dichlorobenzene	8.313	146	185351	39.758	ng	100
15) Benzyl Alcohol	8.190	79	170156	40.956	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.478	45	269028	40.446	ng	100
17) 2-Methylphenol	8.390	107	146486	42.312	ng	100
18) Hexachloroethane	9.042	117	60741	41.380	ng	100
19) n-Nitroso-di-n-propyla...	8.760	70	138028	41.388	ng	100
20) 3+4-Methylphenols	8.719	107	195447	40.417	ng	100
22) Acetophenone	8.777	105	276868	40.895	ng	100
24) Nitrobenzene	9.159	77	214935	41.378	ng	100
25) Isophorone	9.682	82	408810	41.748	ng	100
26) 2-Nitrophenol	9.870	139	78052	40.858	ng	100
27) 2,4-Dimethylphenol	9.923	122	109485	41.811	ng	100
28) bis(2-Chloroethoxy)met...	10.164	93	207538	41.049	ng	100
29) 2,4-Dichlorophenol	10.405	162	191532	40.725	ng	100
30) 1,2,4-Trichlorobenzene	10.622	180	258602	40.622	ng	100
31) Naphthalene	10.810	128	494066	40.851	ng	100
32) Benzoic acid	10.046	122	100374	42.133	ng	100
33) 4-Chloroaniline	10.916	127	188882	41.044	ng	100
34) Hexachlorobutadiene	11.098	225	238691	40.966	ng	100
35) Caprolactam	11.686	113	49088	41.087	ng	100
36) 4-Chloro-3-methylphenol	12.032	107	178709	41.781	ng	100
37) 2-Methylnaphthalene	12.420	142	388797	40.987	ng	100
38) 1-Methylnaphthalene	12.638	142	381623	40.727	ng	100
40) 1,2,4,5-Tetrachloroben...	12.784	216	408367	40.647	ng	100
41) Hexachlorocyclopentadiene	12.767	237	169975	40.948	ng	100
43) 2,4,6-Trichlorophenol	13.019	196	232300	41.238	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.090	196	255901	41.765	ng	100
46) 1,1'-Biphenyl	13.431	154	586215	41.018	ng	100
47) 2-Chloronaphthalene	13.472	162	513813	41.513	ng	100
48) 2-Nitroaniline	13.672	65	110147	41.226	ng	100
49) Acenaphthylene	14.318	152	702522	41.494	ng	100
50) Dimethylphthalate	14.048	163	606187	40.524	ng	100
51) 2,6-Dinitrotoluene	14.165	165	127855	41.261	ng	100
52) Acenaphthene	14.659	154	465727	39.961	ng	100
53) 3-Nitroaniline	14.494	138	99140	40.039	ng	100
54) 2,4-Dinitrophenol	14.694	184	95978	42.041	ng	100
55) Dibenzofuran	14.994	168	771565	40.675	ng	100
56) 4-Nitrophenol	14.788	139	85059	40.874	ng	100
57) 2,4-Dinitrotoluene	14.952	165	178959	41.085	ng	100
58) Fluorene	15.646	166	647361	40.471	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.217	232	253331	39.720	ng	100
60) Diethylphthalate	15.417	149	563118	40.914	ng	100
61) 4-Chlorophenyl-phenyle...	15.640	204	467826	40.610	ng	100
62) 4-Nitroaniline	15.658	138	109002	40.427	ng	100
63) Azobenzene	15.928	77	556546	41.013	ng	100
65) 4,6-Dinitro-2-methylph...	15.710	198	148193	41.556	ng	100
66) n-Nitrosodiphenylamine	15.851	169	565902	40.728	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	327592	40.822	ng	100
68) Hexachlorobenzene	16.645	284	382732	40.798	ng	100
69) Atrazine	16.797	200	195130	40.520	ng	100
70) Pentachlorophenol	16.985	266	253566	41.723	ng	100
71) Phenanthrene	17.385	178	1108499	40.237	ng	100
72) Anthracene	17.473	178	1120158	40.440	ng	100
73) Carbazole	17.743	167	944699	40.135	ng	100
74) Di-n-butylphthalate	18.313	149	868506	40.447	ng	100
75) Fluoranthene	19.400	202	1614878	40.170	ng	100
77) Benzidine	19.582	184	539965	62.350	ng	100
78) Pyrene	19.759	202	1682448	41.166	ng	100
80) Butylbenzylphthalate	20.658	149	303952	41.409	ng	100
81) Benzo(a)anthracene	21.592	228	1858565	41.038	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	630600	42.314	ng	100
83) Chrysene	21.662	228	1766763	41.176	ng	100
84) Bis(2-ethylhexyl)phtha...	21.515	149	449700	40.420	ng	100
85) Di-n-octyl phthalate	22.720	149	790044	41.052	ng	100
87) Indeno(1,2,3-cd)pyrene	28.437	276	2252590	41.030	ng	100
88) Benzo(b)fluoranthene	23.789	252	1963335	41.325	ng	100
89) Benzo(k)fluoranthene	23.860	252	1887431	40.946	ng	100
90) Benzo(a)pyrene	24.653	252	1729097	41.078	ng	100
91) Dibenzo(a,h)anthracene	28.507	278	1866174	40.649	ng	100
92) Benzo(g,h,i)perylene	29.577	276	1876439	41.091	ng	100

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

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