Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
Data File : BG057869.D
Acq On : 27 Jun 2023 16:27
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Jun 28 00:44:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 00:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	39894	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	163118	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	115456	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	312370	20.000	ng	0.00
76) Chrysene-d12	21.557	240	288263	20.000	ng	0.00
86) Perylene-d12	24.706	264	358737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	206840	79.327	ng	0.00
7) Phenol-d6	7.086	99	304008	77.969	ng	0.00
23) Nitrobenzene-d5	9.089	82	269391	80.937	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	159396	82.197	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	604090	79.846	ng	0.00
79) Terphenyl-d14	19.918	244	1239501	78.391	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	46572	38.968	ng	100
3) Pyridine	3.795	79	136133	39.420	ng	100
4) n-Nitrosodimethylamine	3.713	42	55924	39.341	ng	100
6) Aniline	7.250	93	186430	38.274	ng	100
8) 2-Chlorophenol	7.491	128	102469	39.147	ng	100
9) Benzaldehyde	7.062	77	81398	41.672	ng	100
10) Phenol	7.115	94	147937	39.045	ng	100
11) bis(2-Chloroethyl)ether	7.344	93	110643	38.733	ng	100
12) 1,3-Dichlorobenzene	7.814	146	105732	39.271	ng	100
13) 1,4-Dichlorobenzene	7.961	146	106106	39.236	ng	100
14) 1,2-Dichlorobenzene	8.278	146	102094	39.010	ng	100
15) Benzyl Alcohol	8.161	79	109099	37.978	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.449	45	180690	37.988	ng	100
17) 2-Methylphenol	8.366	107	108468	38.615	ng	100
18) Hexachloroethane	9.007	117	37368	39.654	ng	100
19) n-Nitroso-di-n-propyla...	8.731	70	96456	36.970	ng	100
20) 3+4-Methylphenols	8.690	107	150378	38.425	ng	100
22) Acetophenone	8.748	105	181937	40.077	ng	100
24) Nitrobenzene	9.130	77	136067	40.728	ng	100
25) Isophorone	9.647	82	279019	38.826	ng	100
26) 2-Nitrophenol	9.841	139	56783	41.711	ng	100
27) 2,4-Dimethylphenol	9.894	122	105693	40.268	ng	100
28) bis(2-Chloroethoxy)met...	10.135	93	151869	39.325	ng	100
29) 2,4-Dichlorophenol	10.370	162	104153	40.463	ng	100
30) 1,2,4-Trichlorobenzene	10.593	180	112348	40.542	ng	100
31) Naphthalene	10.781	128	346972	39.849	ng	100
32) Benzoic acid	10.023	122	80859	39.087	ng	100
33) 4-Chloroaniline	10.887	127	161584	39.443	ng	100
34) Hexachlorobutadiene	11.063	225	68795	40.250	ng	100
35) Caprolactam	11.657	113	43384	38.890	ng	100
36) 4-Chloro-3-methylphenol	12.009	107	132398	38.742	ng	100
37) 2-Methylnaphthalene	12.385	142	250001	38.950	ng	100
38) 1-Methylnaphthalene	12.608	142	234590	38.679	ng	100
40) 1,2,4,5-Tetrachloroben...	12.749	216	131522	40.717	ng	100
41) Hexachlorocyclopentadiene	12.732	237	73841	42.524	ng	100
43) 2,4,6-Trichlorophenol	12.990	196	97011	40.743	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.061	196	116085	40.963	ng	100
46) 1,1'-Biphenyl	13.396	154	313221	39.829	ng	100
47) 2-Chloronaphthalene	13.437	162	242854	40.212	ng	100
48) 2-Nitroaniline	13.637	65	100704	41.849	ng	100
49) Acenaphthylene	14.283	152	420858	39.736	ng	100
50) Dimethylphthalate	14.013	163	362817	39.648	ng	100
51) 2,6-Dinitrotoluene	14.136	165	78903	41.528	ng	100
52) Acenaphthene	14.624	154	247931	40.071	ng	100
53) 3-Nitroaniline	14.465	138	89416	41.397	ng	100
54) 2,4-Dinitrophenol	14.665	184	43836	41.761	ng	100
55) Dibenzofuran	14.959	168	423295	39.886	ng	100
56) 4-Nitrophenol	14.765	139	77242	43.618	ng	100
57) 2,4-Dinitrotoluene	14.918	165	117595	42.654	ng	100
58) Fluorene	15.605	166	340978	39.808	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.182	232	103625	40.337	ng	100
60) Diethylphthalate	15.376	149	389160	40.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.599	204	181215	39.443	ng	100
62) 4-Nitroaniline	15.628	138	97517	43.040	ng	100
63) Azobenzene	15.893	77	369676	40.076	ng	100
65) 4,6-Dinitro-2-methylph...	15.681	198	70224	41.776	ng	100
66) n-Nitrosodiphenylamine	15.816	169	312731	39.230	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	128119	38.855	ng	100
68) Hexachlorobenzene	16.610	284	138535	39.786	ng	100
69) Atrazine	16.762	200	116537	39.364	ng	100
70) Pentachlorophenol	16.950	266	110242	41.400	ng	100
71) Phenanthrene	17.350	178	602263	40.165	ng	100
72) Anthracene	17.438	178	624721	40.396	ng	100
73) Carbazole	17.708	167	612693	41.667	ng	100
74) Di-n-butylphthalate	18.267	149	759197	41.774	ng	100
75) Fluoranthene	19.359	202	787693	41.698	ng	100
77) Benzidine	19.536	184	298843	44.188	ng	100
78) Pyrene	19.718	202	809554	39.331	ng	100
80) Butylbenzylphthalate	20.611	149	340591	40.807	ng	100
81) Benzo(a)anthracene	21.539	228	800253	40.115	ng	100
82) 3,3'-Dichlorobenzidine	21.457	252	284514	40.082	ng	100
83) Chrysene	21.604	228	749868	39.712	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	473283	39.939	ng	100
85) Di-n-octyl phthalate	22.638	149	848982	40.599	ng	100
87) Indeno(1,2,3-cd)pyrene	28.308	276	958958	40.352	ng	100
88) Benzo(b)fluoranthene	23.707	252	786807	40.213	ng	100
89) Benzo(k)fluoranthene	23.778	252	797097	40.308	ng	100
90) Benzo(a)pyrene	24.565	252	782953	40.396	ng	100
91) Dibenzo(a,h)anthracene	28.366	278	793161	40.234	ng	100
92) Benzo(g,h,i)perylene	29.430	276	788418	40.242	ng	100

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

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