Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
Data File : BG054690.D
Acq On : 22 Aug 2022 20:12
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082222

Quant Time: Aug 23 03:16:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	58159	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	227612	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	141814	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	307673	20.000	ng	0.00
76) Chrysene-d12	21.825	240	282077	20.000	ng	0.00
86) Perylene-d12	25.198	264	301013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	258913	83.891	ng	0.00
7) Phenol-d6	7.301	99	356607	82.461	ng	0.00
23) Nitrobenzene-d5	9.334	82	333970	83.619	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	105108	92.549	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	740854	77.040	ng	0.00
79) Terphenyl-d14	20.133	244	1095687	77.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	59653	37.593	ng	99
3) Pyridine	3.958	79	175393	39.479	ng	97
4) n-Nitrosodimethylamine	3.870	42	76412	39.263	ng	99
6) Aniline	7.477	93	214590	39.773	ng	99
8) 2-Chlorophenol	7.718	128	139512	42.441	ng	98
9) Benzaldehyde	7.289	77	114958	38.449	ng	99
10) Phenol	7.325	94	182856	40.821	ng	99
11) bis(2-Chloroethyl)ether	7.571	93	148640	38.822	ng	98
12) 1,3-Dichlorobenzene	8.047	146	163765	38.810	ng	99
13) 1,4-Dichlorobenzene	8.194	146	166356	39.122	ng	99
14) 1,2-Dichlorobenzene	8.517	146	155753	38.839	ng	99
15) Benzyl Alcohol	8.394	79	129023	42.812	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.688	45	232947	39.213	ng	99
17) 2-Methylphenol	8.588	107	124745	41.305	ng	99
18) Hexachloroethane	9.252	117	57604	41.019	ng	98
19) n-Nitroso-di-n-propyla...	8.964	70	121270	39.857	ng	99
20) 3+4-Methylphenols	8.923	107	172104	42.688	ng	97
22) Acetophenone	8.987	105	222545	38.822	ng	99
24) Nitrobenzene	9.375	77	168448	41.023	ng	99
25) Isophorone	9.892	82	310567	40.798	ng	99
26) 2-Nitrophenol	10.086	139	57145	47.223	ng	95
27) 2,4-Dimethylphenol	10.133	122	120133	43.264	ng	96
28) bis(2-Chloroethoxy)met...	10.380	93	179802	39.985	ng	99
29) 2,4-Dichlorophenol	10.621	162	130789	43.899	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	155452	39.155	ng	98
31) Naphthalene	11.038	128	472371	38.562	ng	100
32) Benzoic acid	10.262	122	66800	45.694	ng	92
33) 4-Chloroaniline	11.138	127	195122	40.356	ng	99
34) Hexachlorobutadiene	11.314	225	99294	39.616	ng	98
35) Caprolactam	11.907	113	41124	44.208	ng	97
36) 4-Chloro-3-methylphenol	12.236	107	140050	44.237	ng	97
37) 2-Methylnaphthalene	12.630	142	328517	39.037	ng	99
38) 1-Methylnaphthalene	12.847	142	318672	39.156	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	168053	38.383	ng	100
41) Hexachlorocyclopentadiene	12.965	237	80665	44.324	ng	98
43) 2,4,6-Trichlorophenol	13.223	196	107220	46.613	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	118455	45.501	ng	99
46) 1,1'-Biphenyl	13.629	154	415856	38.754	ng	99
47) 2-Chloronaphthalene	13.670	162	312828	38.217	ng	99
48) 2-Nitroaniline	13.870	65	87138	43.451	ng	99
49) Acenaphthylene	14.516	152	514359	38.659	ng	100
50) Dimethylphthalate	14.240	163	404351	42.343	ng	100
51) 2,6-Dinitrotoluene	14.357	165	79142	45.568	ng	100
52) Acenaphthene	14.851	154	321178	39.372	ng	99
53) 3-Nitroaniline	14.686	138	89826	44.850	ng	97
54) 2,4-Dinitrophenol	14.886	184	29305	47.309	ng	99
55) Dibenzofuran	15.186	168	478453	38.703	ng	100
56) 4-Nitrophenol	14.974	139	68961	46.324	ng	95
57) 2,4-Dinitrotoluene	15.139	165	104777	41.047	ng	95
58) Fluorene	15.832	166	394051	38.558	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	102692	47.380	ng	97
60) Diethylphthalate	15.591	149	396835	42.602	ng	99
61) 4-Chlorophenyl-phenyle...	15.820	204	197053	38.938	ng	99
62) 4-Nitroaniline	15.850	138	94347	43.227	ng	98
63) Azobenzene	16.114	77	401950	38.854	ng	99
65) 4,6-Dinitro-2-methylph...	15.897	198	42633	45.362	ng	99
66) n-Nitrosodiphenylamine	16.038	169	346292	39.607	ng	100
67) 4-Bromophenyl-phenylether	16.719	248	115246	38.912	ng	98
68) Hexachlorobenzene	16.831	284	145654	38.976	ng	99
69) Atrazine	16.978	200	115323	44.510	ng	99
70) Pentachlorophenol	17.172	266	79489	41.989	ng	97
71) Phenanthrene	17.577	178	634273	38.676	ng	100
72) Anthracene	17.665	178	620359	39.037	ng	99
73) Carbazole	17.936	167	565313	39.984	ng	100
74) Di-n-butylphthalate	18.482	149	679444	45.046	ng	100
75) Fluoranthene	19.581	202	769077	39.777	ng	100
77) Benzidine	19.757	184	259290	42.336	ng	99
78) Pyrene	19.939	202	770711	38.735	ng	99
80) Butylbenzylphthalate	20.820	149	270215	42.027	ng	96
81) Benzo(a)anthracene	21.808	228	758942	39.616	ng	100
82) 3,3'-Dichlorobenzidine	21.714	252	252100	43.548	ng	100
83) Chrysene	21.878	228	716337	39.291	ng	100
84) Bis(2-ethylhexyl)phtha...	21.702	149	411876	42.011	ng	99
85) Di-n-octyl phthalate	22.971	149	678429	45.924	ng	98
87) Indeno(1,2,3-cd)pyrene	29.081	276	910053	40.515	ng	100
88) Benzo(b)fluoranthene	24.117	252	764566	40.906	ng	99
89) Benzo(k)fluoranthene	24.193	252	751536	38.964	ng	100
90) Benzo(a)pyrene	25.039	252	647912	40.387	ng	99
91) Dibenzo(a,h)anthracene	29.146	278	741127	40.163	ng	99
92) Benzo(g,h,i)perylene	30.292	276	724066	40.137	ng	98

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

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