Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
Data File : BG055644.D
Acq On : 16 Nov 2022 12:47
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Nov 16 15:42:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:38:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.255	152	41200	20.000	ng		0.00
21) Naphthalene-d8	11.081	136	163899	20.000	ng		0.00
39) Acenaphthene-d10	14.877	164	118310	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	280307	20.000	ng		0.00
76) Chrysene-d12	21.916	240	272026	20.000	ng		0.00
86) Perylene-d12	25.323	264	286155	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.782	112	93839	43.280	ng		0.00
7) Phenol-d6	7.391	99	123210	41.261	ng		0.00
23) Nitrobenzene-d5	9.424	82	128120	51.646	ng		0.00
42) 2,4,6-Tribromophenol	16.357	330	68243	55.958	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	333734	42.413	ng		0.00
79) Terphenyl-d14	20.200	244	586713	43.134	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.619	88	20315	18.847	ng		98
3) Pyridine	4.031	79	60880	20.060	ng		98
4) n-Nitrosodimethylamine	3.942	42	31925	19.318	ng	#	93
6) Aniline	7.568	93	75998	19.239	ng		99
8) 2-Chlorophenol	7.814	128	52421	21.466	ng		99
9) Benzaldehyde	7.380	77	44491	19.194	ng		98
10) Phenol	7.415	94	69833	20.354	ng		98
11) bis(2-Chloroethyl)ether	7.656	93	53364	19.413	ng		96
12) 1,3-Dichlorobenzene	8.143	146	63403	20.953	ng		97
13) 1,4-Dichlorobenzene	8.290	146	64785	21.163	ng		99
14) 1,2-Dichlorobenzene	8.614	146	61766	21.208	ng		96
15) Benzyl Alcohol	8.484	79	49815	19.323	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.778	45	96141	18.359	ng		100
17) 2-Methylphenol	8.684	107	49144	20.335	ng		97
18) Hexachloroethane	9.354	117	22019	21.525	ng		99
19) n-Nitroso-di-n-propyla...	9.054	70	47116	19.210	ng		99
20) 3+4-Methylphenols	9.013	107	66418	19.735	ng		98
22) Acetophenone	9.078	105	87461	20.033	ng	#	96
24) Nitrobenzene	9.465	77	65975	23.374	ng		98
25) Isophorone	9.988	82	120934	19.649	ng		99
26) 2-Nitrophenol	10.188	139	30002	33.746	ng		98
27) 2,4-Dimethylphenol	10.229	122	46494	20.979	ng		100
28) bis(2-Chloroethoxy)met...	10.470	93	65111	19.658	ng		99
29) 2,4-Dichlorophenol	10.717	162	55599	22.574	ng		100
30) 1,2,4-Trichlorobenzene	10.940	180	65481	21.447	ng		100
31) Naphthalene	11.134	128	184595	20.789	ng		99
32) Benzoic acid	10.323	122	32425	23.984	ng		95
33) 4-Chloroaniline	11.234	127	74030	19.947	ng		97
34) Hexachlorobutadiene	11.410	225	44761	21.870	ng		100
35) Caprolactam	11.986	113	18715	22.174	ng		93
36) 4-Chloro-3-methylphenol	12.327	107	60247	20.936	ng		99
37) 2-Methylnaphthalene	12.720	142	136384	20.392	ng		99
38) 1-Methylnaphthalene	12.938	142	132913	20.329	ng		100
40) 1,2,4,5-Tetrachloroben...	13.079	216	77275	21.731	ng		100
41) Hexachlorocyclopentadiene	13.061	237	37786	24.133	ng		99
43) 2,4,6-Trichlorophenol	13.314	196	51219	24.014	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	56466	23.228	ng	99
46) 1,1'-Biphenyl	13.713	154	178314	20.577	ng	97
47) 2-Chloronaphthalene	13.760	162	138001	20.568	ng	98
48) 2-Nitroaniline	13.948	65	44485	29.764	ng	99
49) Acenaphthylene	14.601	152	228511	20.588	ng	99
50) Dimethylphthalate	14.319	163	193675	21.406	ng	98
51) 2,6-Dinitrotoluene	14.436	165	39476	28.594	ng	94
52) Acenaphthene	14.941	154	146054	20.951	ng	98
53) 3-Nitroaniline	14.771	138	43147	25.043	ng	93
54) 2,4-Dinitrophenol	14.971	184	19986	30.260	ng	97
55) Dibenzofuran	15.270	168	232377	20.944	ng	99
56) 4-Nitrophenol	15.059	139	32997	23.510	ng	97
57) 2,4-Dinitrotoluene	15.218	165	55347	30.152	ng	98
58) Fluorene	15.917	166	185302	20.960	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.488	232	55124	24.350	ng	99
60) Diethylphthalate	15.670	149	197471	21.473	ng	99
61) 4-Chlorophenyl-phenyle...	15.905	204	101819	21.572	ng	98
62) 4-Nitroaniline	15.923	138	44729	24.356	ng	97
63) Azobenzene	16.193	77	173565	19.648	ng	98
65) 4,6-Dinitro-2-methylph...	15.981	198	31432	31.685	ng	96
66) n-Nitrosodiphenylamine	16.111	169	162157	20.725	ng	99
67) 4-Bromophenyl-phenylether	16.798	248	66515	22.884	ng	98
68) Hexachlorobenzene	16.921	284	73666	21.568	ng	96
69) Atrazine	17.051	200	63254	22.208	ng	97
70) Pentachlorophenol	17.256	266	43695	22.695	ng	98
71) Phenanthrene	17.656	178	319812	21.207	ng	98
72) Anthracene	17.750	178	307889	20.884	ng	99
73) Carbazole	18.014	167	275326	20.664	ng	99
74) Di-n-butylphthalate	18.555	149	341807	22.290	ng	99
75) Fluoranthene	19.654	202	387463	21.495	ng	99
77) Benzidine	19.824	184	107665	14.968	ng	97
78) Pyrene	20.018	202	394085	21.329	ng	99
80) Butylbenzylphthalate	20.887	149	147176	23.572	ng	99
81) Benzo(a)anthracene	21.892	228	387889	20.783	ng	99
82) 3,3'-Dichlorobenzidine	21.798	252	132595	21.587	ng	100
83) Chrysene	21.963	228	367022	20.662	ng	98
84) Bis(2-ethylhexyl)phtha...	21.775	149	211801	22.663	ng	100
85) Di-n-octyl phthalate	23.050	149	360726	22.142	ng	99
87) Indeno(1,2,3-cd)pyrene	29.254	276	470655	21.373	ng	99
88) Benzo(b)fluoranthene	24.230	252	389241	21.312	ng	99
89) Benzo(k)fluoranthene	24.307	252	383481	20.640	ng	99
90) Benzo(a)pyrene	25.165	252	326977	20.827	ng	100
91) Dibenzo(a,h)anthracene	29.313	278	386432	21.253	ng	96
92) Benzo(g,h,i)perylene	30.476	276	386766	21.653	ng	98

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

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