Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
Data File : BG055401.D
Acq On : 1 Nov 2022 19:53
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG110122

Quant Time: Nov 02 05:09:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	32672	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	139087	20.000	ng	0.00
39) Acenaphthene-d10	14.862	164	100862	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	238519	20.000	ng	0.00
76) Chrysene-d12	21.872	240	231085	20.000	ng	0.00
86) Perylene-d12	25.239	264	257334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	140605	77.285	ng	0.00
7) Phenol-d6	7.395	99	198152	78.541	ng	0.00
23) Nitrobenzene-d5	9.422	82	203750	78.072	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	111300	80.899	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	514674	75.656	ng	0.00
79) Terphenyl-d14	20.168	244	884027	74.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	30763	37.280	ng	100
3) Pyridine	3.993	79	93444	38.157	ng	97
4) n-Nitrosodimethylamine	3.905	42	37694	38.962	ng	97
6) Aniline	7.559	93	124909	38.172	ng	99
8) 2-Chlorophenol	7.806	128	84586	38.266	ng	100
9) Benzaldehyde	7.371	77	58389	39.366	ng	98
10) Phenol	7.418	94	110446	38.677	ng	99
11) bis(2-Chloroethyl)ether	7.653	93	82163	38.458	ng	96
12) 1,3-Dichlorobenzene	8.135	146	95506	38.119	ng	97
13) 1,4-Dichlorobenzene	8.282	146	97705	38.288	ng	99
14) 1,2-Dichlorobenzene	8.605	146	93895	38.441	ng	98
15) Benzyl Alcohol	8.482	79	79928	39.722	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.764	45	106492	37.465	ng	99
17) 2-Methylphenol	8.687	107	78914	38.408	ng	99
18) Hexachloroethane	9.340	117	33322	38.278	ng	95
19) n-Nitroso-di-n-propyla...	9.052	70	73859	37.465	ng	99
20) 3+4-Methylphenols	9.016	107	111611	38.231	ng	98
22) Acetophenone	9.075	105	137749	37.785	ng	99
24) Nitrobenzene	9.463	77	104676	38.471	ng	96
25) Isophorone	9.986	82	197655	38.242	ng	99
26) 2-Nitrophenol	10.180	139	55396	39.539	ng	96
27) 2,4-Dimethylphenol	10.227	122	75688	38.529	ng	99
28) bis(2-Chloroethoxy)met...	10.456	93	105100	38.178	ng	99
29) 2,4-Dichlorophenol	10.720	162	92566	38.628	ng	97
30) 1,2,4-Trichlorobenzene	10.932	180	99527	38.355	ng	99
31) Naphthalene	11.126	128	301286	38.474	ng	99
32) Benzoic acid	10.391	122	46677	40.946	ng	98
33) 4-Chloroaniline	11.226	127	127536	39.195	ng	97
34) Hexachlorobutadiene	11.402	225	62456	38.721	ng	97
35) Caprolactam	12.007	113	34741	39.156	ng	93
36) 4-Chloro-3-methylphenol	12.336	107	101769	38.786	ng	99
37) 2-Methylnaphthalene	12.712	142	221230	38.460	ng	99
38) 1-Methylnaphthalene	12.929	142	213591	38.071	ng	98
40) 1,2,4,5-Tetrachloroben...	13.070	216	115197	38.664	ng	99
41) Hexachlorocyclopentadiene	13.047	237	47514	37.190	ng	96
43) 2,4,6-Trichlorophenol	13.305	196	81503	39.281	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	90649	39.223	ng	99
46) 1,1'-Biphenyl	13.699	154	284521	38.336	ng	100
47) 2-Chloronaphthalene	13.752	162	227076	38.077	ng	98
48) 2-Nitroaniline	13.946	65	72399	39.525	ng	98
49) Acenaphthylene	14.586	152	375798	38.377	ng	99
50) Dimethylphthalate	14.304	163	323627	38.440	ng	99
51) 2,6-Dinitrotoluene	14.434	165	69080	39.193	ng	100
52) Acenaphthene	14.927	154	223604	38.367	ng	99
53) 3-Nitroaniline	14.763	138	79286	40.024	ng	99
54) 2,4-Dinitrophenol	14.974	184	38828	39.256	ng	96
55) Dibenzofuran	15.256	168	373523	38.721	ng	99
56) 4-Nitrophenol	15.068	139	56321	41.465	ng	92
57) 2,4-Dinitrotoluene	15.215	165	100519	39.885	ng	98
58) Fluorene	15.902	166	301445	38.467	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.479	232	82477	39.690	ng	99
60) Diethylphthalate	15.650	149	336919	38.508	ng	99
61) 4-Chlorophenyl-phenyle...	15.885	204	155110	38.285	ng	99
62) 4-Nitroaniline	15.920	138	82255	39.247	ng	97
63) Azobenzene	16.173	77	281425	38.695	ng	98
65) 4,6-Dinitro-2-methylph...	15.979	198	63447	41.296	ng	97
66) n-Nitrosodiphenylamine	16.096	169	268604	37.878	ng	99
67) 4-Bromophenyl-phenylether	16.772	248	108803	38.589	ng	99
68) Hexachlorobenzene	16.901	284	122060	37.962	ng	97
69) Atrazine	17.031	200	91232	38.321	ng	100
70) Pentachlorophenol	17.248	266	58894	37.688	ng	98
71) Phenanthrene	17.636	178	507935	37.859	ng	99
72) Anthracene	17.730	178	498528	37.910	ng	99
73) Carbazole	17.994	167	463999	37.924	ng	99
74) Di-n-butylphthalate	18.523	149	585546	38.319	ng	100
75) Fluoranthene	19.627	202	613966	38.045	ng	99
77) Benzidine	19.798	184	179940	37.402	ng	99
78) Pyrene	19.986	202	620478	38.061	ng	100
80) Butylbenzylphthalate	20.838	149	260140	38.275	ng	96
81) Benzo(a)anthracene	21.848	228	604878	38.131	ng	100
82) 3,3'-Dichlorobenzidine	21.749	252	206177	37.902	ng	98
83) Chrysene	21.919	228	574358	37.952	ng	100
84) Bis(2-ethylhexyl)phtha...	21.713	149	381027	38.567	ng	100
85) Di-n-octyl phthalate	22.965	149	648360	38.301	ng	99
87) Indeno(1,2,3-cd)pyrene	29.140	276	783806	37.937	ng	100
88) Benzo(b)fluoranthene	24.169	252	631210	38.616	ng	99
89) Benzo(k)fluoranthene	24.240	252	614171	37.389	ng	100
90) Benzo(a)pyrene	25.086	252	538015	38.066	ng	99
91) Dibenzo(a,h)anthracene	29.193	278	647877	38.008	ng	98
92) Benzo(g,h,i)perylene	30.362	276	641852	37.860	ng	99

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

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