Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092822\
Data File : BG055036.D
Acq On : 28 Sep 2022 15:27
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG092822

Quant Time: Sep 28 17:01:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 15:43:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	35336	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	142020	20.000	ng	# 0.00
39) Acenaphthene-d10	14.958	164	103100	20.000	ng	0.00
64) Phenanthrene-d10	17.690	188	249851	20.000	ng	0.00
76) Chrysene-d12	21.991	240	252524	20.000	ng	# 0.00
86) Perylene-d12	25.451	264	276373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	149605	81.160	ng	0.00
7) Phenol-d6	7.472	99	205432	83.996	ng	0.00
23) Nitrobenzene-d5	9.523	82	201689	91.632	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	105258	89.973	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	520819	79.517	ng	0.00
79) Terphenyl-d14	20.269	244	986984	81.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.706	88	36159	39.604	ng	94
3) Pyridine	4.118	79	106177	40.923	ng	99
4) n-Nitrosodimethylamine	4.024	42	52584	41.682	ng	86
6) Aniline	7.660	93	132450	41.105	ng	97
8) 2-Chlorophenol	7.907	128	86274	41.914	ng	98
9) Benzaldehyde	7.472	77	68109	43.658	ng	98
10) Phenol	7.502	94	113918	41.068	ng	93
11) bis(2-Chloroethyl)ether	7.754	93	83305	40.015	ng	99
12) 1,3-Dichlorobenzene	8.236	146	104539	41.491	ng	97
13) 1,4-Dichlorobenzene	8.383	146	103924	40.669	ng	98
14) 1,2-Dichlorobenzene	8.712	146	98033	40.599	ng	98
15) Benzyl Alcohol	8.577	79	88718	42.383	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.871	45	136620	39.219	ng	98
17) 2-Methylphenol	8.771	107	81542	42.084	ng	95
18) Hexachloroethane	9.452	117	35349	42.111	ng	93
19) n-Nitroso-di-n-propyla...	9.153	70	79624	41.440	ng	96
20) 3+4-Methylphenols	9.100	107	114261	42.796	ng	93
22) Acetophenone	9.176	105	141552	40.629	ng	98
24) Nitrobenzene	9.564	77	108078	45.321	ng	97
25) Isophorone	10.087	82	204131	41.306	ng	99
26) 2-Nitrophenol	10.281	139	42995	42.395	ng	90
27) 2,4-Dimethylphenol	10.322	122	83243	43.090	ng	97
28) bis(2-Chloroethoxy)met...	10.563	93	104837	40.640	ng	98
29) 2,4-Dichlorophenol	10.810	162	94242	43.679	ng	96
30) 1,2,4-Trichlorobenzene	11.039	180	105054	41.479	ng	100
31) Naphthalene	11.233	128	301104	40.648	ng	99
32) Benzoic acid	10.434	122	57884	42.432	ng	95
33) 4-Chloroaniline	11.327	127	126336	41.928	ng	97
34) Hexachlorobutadiene	11.515	225	67702	40.971	ng	96
35) Caprolactam	12.091	113	32373	45.689	ng	97
36) 4-Chloro-3-methylphenol	12.414	107	102748	43.160	ng	95
37) 2-Methylnaphthalene	12.813	142	220072	41.405	ng	99
38) 1-Methylnaphthalene	13.025	142	213221	41.551	ng	96
40) 1,2,4,5-Tetrachloroben...	13.166	216	122644	40.533	ng	99
41) Hexachlorocyclopentadiene	13.148	237	65434	42.704	ng	99
43) 2,4,6-Trichlorophenol	13.395	196	83900	43.528	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.465	196	93948	42.857	ng		99
46) 1,1'-Biphenyl	13.800	154	281540	39.920	ng		99
47) 2-Chloronaphthalene	13.847	162	224416	39.372	ng		98
48) 2-Nitroaniline	14.035	65	67830	42.641	ng		98
49) Acenaphthylene	14.688	152	376491	40.707	ng		98
50) Dimethylphthalate	14.400	163	317329	41.185	ng		98
51) 2,6-Dinitrotoluene	14.517	165	61933	42.937	ng		99
52) Acenaphthene	15.022	154	235186	40.964	ng		99
53) 3-Nitroaniline	14.846	138	71224	42.572	ng		97
54) 2,4-Dinitrophenol	15.046	184	29395	45.232	ng	#	72
55) Dibenzofuran	15.351	168	373919	40.296	ng		98
56) 4-Nitrophenol	15.122	139	57579	46.176	ng		92
57) 2,4-Dinitrotoluene	15.299	165	83407	42.415	ng		91
58) Fluorene	15.998	166	300609	40.574	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.563	232	90025	45.583	ng		98
60) Diethylphthalate	15.751	149	330535	41.578	ng		99
61) 4-Chlorophenyl-phenyle...	15.980	204	162151	40.916	ng		100
62) 4-Nitroaniline	16.004	138	75843	46.238	ng		91
63) Azobenzene	16.274	77	294278	39.450	ng		97
65) 4,6-Dinitro-2-methylph...	16.056	198	43209	44.921	ng		94
66) n-Nitrosodiphenylamine	16.192	169	274039	40.744	ng		99
67) 4-Bromophenyl-phenylether	16.873	248	111559	41.450	ng		98
68) Hexachlorobenzene	16.997	284	125592	41.315	ng		96
69) Atrazine	17.126	200	105380	42.274	ng		99
70) Pentachlorophenol	17.331	266	79172	46.254	ng		98
71) Phenanthrene	17.737	178	527234	40.874	ng		98
72) Anthracene	17.825	178	516135	40.565	ng		97
73) Carbazole	18.084	167	482626	40.467	ng		97
74) Di-n-butylphthalate	18.630	149	593973	41.447	ng		100
75) Fluoranthene	19.723	202	669100	40.477	ng		97
77) Benzidine	19.887	184	245972	39.335	ng		99
78) Pyrene	20.081	202	676276	41.856	ng		99
80) Butylbenzylphthalate	20.957	149	258293	44.253	ng		94
81) Benzo(a)anthracene	21.973	228	660372	40.824	ng		99
82) 3,3'-Dichlorobenzidine	21.873	252	221566	42.357	ng	#	98
83) Chrysene	22.044	228	617051	40.503	ng		98
84) Bis(2-ethylhexyl)phtha...	21.861	149	372297	43.094	ng		99
85) Di-n-octyl phthalate	23.166	149	634275	43.750	ng		98
87) Indeno(1,2,3-cd)pyrene	29.453	276	839366	41.570	ng		97
88) Benzo(b)fluoranthene	24.353	252	677139	41.150	ng	#	97
89) Benzo(k)fluoranthene	24.429	252	660750	40.589	ng	#	97
90) Benzo(a)pyrene	25.293	252	580559	41.745	ng	#	97
91) Dibenzo(a,h)anthracene	29.535	278	684253	41.172	ng	#	96
92) Benzo(g,h,i)perylene	30.704	276	683268	41.791	ng	#	93

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

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