Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054088.D
Acq On : 27 Jun 2022 10:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 28 04:51:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.071	152	23927	20.000	ng		0.00
21) Naphthalene-d8	10.886	136	105157	20.000	ng		0.00
39) Acenaphthene-d10	14.699	164	79873	20.000	ng		0.00
64) Phenanthrene-d10	17.443	188	193071	20.000	ng		0.00
76) Chrysene-d12	21.720	240	193955	20.000	ng		0.00
86) Perylene-d12	24.981	264	200457	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.639	112	103018	82.318	ng		0.00
7) Phenol-d6	7.231	99	154021	90.723	ng		0.00
23) Nitrobenzene-d5	9.235	82	148864	79.553	ng		0.00
42) 2,4,6-Tribromophenol	16.185	330	90437	70.472	ng		0.00
45) 2-Fluorobiphenyl	13.324	172	411861	74.982	ng		0.00
79) Terphenyl-d14	20.051	244	749013	77.780	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	20661	37.767	ng		97
3) Pyridine	3.929	79	60811	41.655	ng		90
4) n-Nitrosodimethylamine	3.841	42	28786	44.828	ng		96
6) Aniline	7.395	93	88234	43.836	ng		99
8) 2-Chlorophenol	7.636	128	58696	43.926	ng		94
9) Benzaldehyde	7.207	77	40908	40.828	ng		84
10) Phenol	7.260	94	77297	44.926	ng		96
11) bis(2-Chloroethyl)ether	7.489	93	55478	42.010	ng		96
12) 1,3-Dichlorobenzene	7.965	146	66029	39.435	ng		91
13) 1,4-Dichlorobenzene	8.112	146	66980	39.823	ng		98
14) 1,2-Dichlorobenzene	8.430	146	64943	40.222	ng		99
15) Benzyl Alcohol	8.306	79	58592	46.177	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.600	45	92768	46.991	ng		100
17) 2-Methylphenol	8.512	107	54121	45.281	ng		91
18) Hexachloroethane	9.164	117	23084	41.372	ng	#	82
19) n-Nitroso-di-n-propyla...	8.876	70	51991	45.583	ng	#	90
20) 3+4-Methylphenols	8.841	107	77490	46.230	ng		96
22) Acetophenone	8.894	105	97660	38.207	ng	#	98
24) Nitrobenzene	9.276	77	75793	41.132	ng	#	86
25) Isophorone	9.799	82	138821	39.722	ng	#	95
26) 2-Nitrophenol	9.987	139	35152	43.190	ng	#	81
27) 2,4-Dimethylphenol	10.045	122	54347	41.255	ng		92
28) bis(2-Chloroethoxy)met...	10.280	93	75033	39.854	ng		97
29) 2,4-Dichlorophenol	10.527	162	71737	40.616	ng		90
30) 1,2,4-Trichlorobenzene	10.745	180	79110	36.173	ng		98
31) Naphthalene	10.933	128	206871	38.969	ng		98
32) Benzoic acid	10.192	122	31533	53.311	ng	#	76
33) 4-Chloroaniline	11.038	127	89744	40.750	ng	#	93
34) Hexachlorobutadiene	11.220	225	57613	34.265	ng		96
35) Caprolactam	11.802	113	21875	44.989	ng	#	86
36) 4-Chloro-3-methylphenol	12.155	107	72963	42.495	ng		88
37) 2-Methylnaphthalene	12.537	142	154892	39.436	ng		96
38) 1-Methylnaphthalene	12.754	142	150047	39.235	ng		99
40) 1,2,4,5-Tetrachloroben...	12.901	216	108807	35.353	ng		97
41) Hexachlorocyclopentadiene	12.883	237	59522	41.534	ng		99
43) 2,4,6-Trichlorophenol	13.136	196	68182	39.439	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	75886	39.312	ng		95
46) 1,1'-Biphenyl	13.535	154	213048	38.293	ng		99
47) 2-Chloronaphthalene	13.582	162	171986	38.197	ng		96
48) 2-Nitroaniline	13.776	65	53532	44.694	ng		89
49) Acenaphthylene	14.423	152	272708	38.950	ng		99
50) Dimethylphthalate	14.146	163	229955	37.803	ng		99
51) 2,6-Dinitrotoluene	14.264	165	49868	40.575	ng	#	81
52) Acenaphthene	14.763	154	177034	39.668	ng		99
53) 3-Nitroaniline	14.593	138	50466	42.384	ng		84
54) 2,4-Dinitrophenol	14.804	184	24358	39.803	ng	#	81
55) Dibenzofuran	15.098	168	274582	38.186	ng		97
56) 4-Nitrophenol	14.904	139	33597	39.743	ng		89
57) 2,4-Dinitrotoluene	15.051	165	71354	41.109	ng		90
58) Fluorene	15.745	166	226857	38.425	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.321	232	74117	39.262	ng	#	93
60) Diethylphthalate	15.509	149	230252	39.086	ng		97
61) 4-Chlorophenyl-phenyle...	15.733	204	129546	36.652	ng		93
62) 4-Nitroaniline	15.756	138	51783	41.702	ng	#	73
63) Azobenzene	16.027	77	196546	41.449	ng		92
65) 4,6-Dinitro-2-methylph...	15.821	198	41962	43.564	ng		86
66) n-Nitrosodiphenylamine	15.950	169	202070	40.159	ng		97
67) 4-Bromophenyl-phenylether	16.626	248	91298	37.861	ng		97
68) Hexachlorobenzene	16.755	284	97239	35.253	ng		95
69) Atrazine	16.890	200	79144	37.969	ng		95
70) Pentachlorophenol	17.096	266	50982	39.789	ng		99
71) Phenanthrene	17.484	178	382920	38.603	ng		97
72) Anthracene	17.578	178	381158	39.349	ng		99
73) Carbazole	17.842	167	326951	39.324	ng		98
74) Di-n-butylphthalate	18.400	149	393686	40.953	ng	#	98
75) Fluoranthene	19.493	202	476244	36.573	ng		96
77) Benzidine	19.663	184	127969	31.860	ng		98
78) Pyrene	19.851	202	479060	40.895	ng		98
80) Butylbenzylphthalate	20.739	149	173076	46.094	ng		89
81) Benzo(a)anthracene	21.702	228	490749	39.078	ng		98
82) 3,3'-Dichlorobenzidine	21.608	252	145132	38.681	ng		95
83) Chrysene	21.767	228	463663	38.734	ng		97
84) Bis(2-ethylhexyl)phtha...	21.602	149	246463	45.895	ng		95
85) Di-n-octyl phthalate	22.824	149	421797	45.698	ng		97
87) Indeno(1,2,3-cd)pyrene	28.706	276	570376	37.705	ng	#	96
88) Benzo(b)fluoranthene	23.941	252	471856	38.714	ng		99
89) Benzo(k)fluoranthene	24.011	252	470514	38.990	ng		98
90) Benzo(a)pyrene	24.828	252	403894	39.275	ng	#	99
91) Dibenzo(a,h)anthracene	28.765	278	475688	38.027	ng		99
92) Benzo(g,h,i)perylene	29.869	276	454921	36.851	ng		95

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

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