Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
Data File : BG054738.D
Acq On : 25 Aug 2022 15:34
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Aug 25 17:09:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 16:00:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.156	152	51066	20.000	ng		0.00
21) Naphthalene-d8	10.982	136	195986	20.000	ng		0.00
39) Acenaphthene-d10	14.789	164	127109	20.000	ng		0.00
64) Phenanthrene-d10	17.533	188	285682	20.000	ng		0.00
76) Chrysene-d12	21.828	240	265401	20.000	ng		0.00
86) Perylene-d12	25.195	264	290533	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	285391	105.314	ng		0.00
7) Phenol-d6	7.298	99	388594	102.339	ng		0.00
23) Nitrobenzene-d5	9.325	82	366415	106.546	ng		0.00
42) 2,4,6-Tribromophenol	16.270	330	157261	154.489	ng		0.00
45) 2-Fluorobiphenyl	13.414	172	812505	94.266	ng		0.00
79) Terphenyl-d14	20.136	244	1279945	95.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.538	88	67296	48.300	ng		98
3) Pyridine	3.943	79	189259	48.517	ng		98
4) n-Nitrosodimethylamine	3.861	42	80428	47.067	ng		99
6) Aniline	7.474	93	231129	48.789	ng		98
8) 2-Chlorophenol	7.715	128	154845	53.649	ng		99
9) Benzaldehyde	7.286	77	108146	41.195	ng		97
10) Phenol	7.322	94	199845	50.810	ng		97
11) bis(2-Chloroethyl)ether	7.562	93	157750	46.924	ng		99
12) 1,3-Dichlorobenzene	8.038	146	177328	47.862	ng		99
13) 1,4-Dichlorobenzene	8.191	146	179437	48.060	ng		98
14) 1,2-Dichlorobenzene	8.508	146	167791	47.653	ng		99
15) Benzyl Alcohol	8.391	79	141009	53.288	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.679	45	247087	47.371	ng		99
17) 2-Methylphenol	8.585	107	136629	51.523	ng		97
18) Hexachloroethane	9.249	117	64955	52.678	ng		97
19) n-Nitroso-di-n-propyla...	8.961	70	128879	48.241	ng	#	97
20) 3+4-Methylphenols	8.914	107	191530	54.105	ng		93
22) Acetophenone	8.978	105	236850	47.985	ng	#	99
24) Nitrobenzene	9.372	77	183195	51.813	ng		98
25) Isophorone	9.889	82	341978	52.174	ng		99
26) 2-Nitrophenol	10.083	139	86850	94.987	ng		95
27) 2,4-Dimethylphenol	10.130	122	128351	53.683	ng		99
28) bis(2-Chloroethoxy)met...	10.371	93	192509	49.719	ng		99
29) 2,4-Dichlorophenol	10.618	162	149276	58.189	ng		100
30) 1,2,4-Trichlorobenzene	10.835	180	168934	49.417	ng		99
31) Naphthalene	11.029	128	511537	48.498	ng		100
32) Benzoic acid	10.265	122	90147	74.965	ng		94
33) 4-Chloroaniline	11.135	127	210821	50.639	ng		98
34) Hexachlorobutadiene	11.305	225	107031	49.593	ng		97
35) Caprolactam	11.904	113	53017	66.190	ng		99
36) 4-Chloro-3-methylphenol	12.239	107	161087	59.092	ng		99
37) 2-Methylnaphthalene	12.627	142	356790	49.239	ng		97
38) 1-Methylnaphthalene	12.844	142	346085	49.387	ng		96
40) 1,2,4,5-Tetrachloroben...	12.985	216	188168	47.949	ng		99
41) Hexachlorocyclopentadiene	12.962	237	104974	64.355	ng		99
43) 2,4,6-Trichlorophenol	13.220	196	128428	62.292	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	143361	61.439	ng	98
46) 1,1'-Biphenyl	13.626	154	459446	47.770	ng	99
47) 2-Chloronaphthalene	13.673	162	347518	47.366	ng	98
48) 2-Nitroaniline	13.867	65	114512	77.538	ng	99
49) Acenaphthylene	14.513	152	575689	48.274	ng	100
50) Dimethylphthalate	14.237	163	469754	54.883	ng	99
51) 2,6-Dinitrotoluene	14.354	165	99646	64.011	ng	93
52) Acenaphthene	14.854	154	371596	50.823	ng	99
53) 3-Nitroaniline	14.689	138	112396	62.611	ng	98
54) 2,4-Dinitrophenol	14.889	184	50852	91.590	ng	92
55) Dibenzofuran	15.183	168	538681	48.616	ng	100
56) 4-Nitrophenol	14.977	139	89755	67.268	ng	99
57) 2,4-Dinitrotoluene	15.142	165	140299	70.207	ng	88
58) Fluorene	15.835	166	453543	49.513	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.400	232	126317	65.023	ng	97
60) Diethylphthalate	15.588	149	471860	56.517	ng	99
61) 4-Chlorophenyl-phenyle...	15.817	204	227044	50.054	ng	97
62) 4-Nitroaniline	15.847	138	113657	58.099	ng	97
63) Azobenzene	16.111	77	445076	47.999	ng	99
65) 4,6-Dinitro-2-methylph...	15.900	198	78272	89.693	ng	99
66) n-Nitrosodiphenylamine	16.035	169	397881	49.011	ng	99
67) 4-Bromophenyl-phenylether	16.716	248	154308	56.111	ng	98
68) Hexachlorobenzene	16.834	284	172180	49.621	ng	97
69) Atrazine	16.975	200	136953	56.927	ng	99
70) Pentachlorophenol	17.175	266	100305	62.579	ng	98
71) Phenanthrene	17.574	178	735591	48.306	ng	100
72) Anthracene	17.668	178	715046	48.458	ng	99
73) Carbazole	17.933	167	662829	50.490	ng	99
74) Di-n-butylphthalate	18.479	149	826605	59.021	ng	100
75) Fluoranthene	19.578	202	890845	49.622	ng	99
77) Benzidine	19.754	184	332912	57.773	ng	99
78) Pyrene	19.942	202	900830	48.120	ng	99
80) Butylbenzylphthalate	20.817	149	379044	73.592	ng	97
81) Benzo(a)anthracene	21.805	228	874956	48.541	ng	99
82) 3,3'-Dichlorobenzidine	21.716	252	315221	57.873	ng	99
83) Chrysene	21.875	228	837989	48.852	ng	99
84) Bis(2-ethylhexyl)phtha...	21.699	149	553456	68.404	ng	99
85) Di-n-octyl phthalate	22.962	149	954377	68.663	ng	96
87) Indeno(1,2,3-cd)pyrene	29.078	276	1099022	50.693	ng	100
88) Benzo(b)fluoranthene	24.119	252	890924	49.385	ng	100
89) Benzo(k)fluoranthene	24.196	252	911177	48.945	ng	98
90) Benzo(a)pyrene	25.036	252	769715	49.710	ng	99
91) Dibenzo(a,h)anthracene	29.161	278	896556	50.339	ng	98
92) Benzo(g,h,i)perylene	30.300	276	898957	51.630	ng	99

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

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