Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
Data File : BG054737.D
Acq On : 25 Aug 2022 14:53
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Aug 25 16:04:10 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	8.153	152	49855	20.000	ng		0.00
21) Naphthalene-d8	10.980	136	199193	20.000	ng		0.00
39) Acenaphthene-d10	14.787	164	132956	20.000	ng		0.00
64) Phenanthrene-d10	17.531	188	299669	20.000	ng		0.00
76) Chrysene-d12	21.826	240	278066	20.000	ng		0.00
86) Perylene-d12	25.198	264	297911	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.686	112	223797	84.591	ng		0.00
7) Phenol-d6	7.296	99	306552	82.694	ng		0.00
23) Nitrobenzene-d5	9.329	82	293457	83.958	ng		0.00
42) 2,4,6-Tribromophenol	16.273	330	129658	121.771	ng		0.00
45) 2-Fluorobiphenyl	13.412	172	671723	74.505	ng		0.00
79) Terphenyl-d14	20.134	244	1092874	78.074	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	51782	38.068	ng		98
3) Pyridine	3.947	79	149074	39.144	ng		99
4) n-Nitrosodimethylamine	3.859	42	64227	38.499	ng		99
6) Aniline	7.472	93	181609	39.267	ng		97
8) 2-Chlorophenol	7.713	128	121336	43.060	ng		97
9) Benzaldehyde	7.284	77	91732	35.791	ng		99
10) Phenol	7.319	94	158063	41.164	ng		98
11) bis(2-Chloroethyl)ether	7.566	93	125718	38.304	ng		97
12) 1,3-Dichlorobenzene	8.042	146	138047	38.165	ng		98
13) 1,4-Dichlorobenzene	8.189	146	141043	38.694	ng		99
14) 1,2-Dichlorobenzene	8.512	146	132893	38.658	ng		98
15) Benzyl Alcohol	8.389	79	112638	43.601	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.676	45	196340	38.556	ng		98
17) 2-Methylphenol	8.588	107	109807	42.415	ng		97
18) Hexachloroethane	9.246	117	51593	42.858	ng		94
19) n-Nitroso-di-n-propyla...	8.958	70	105692	40.523	ng		98
20) 3+4-Methylphenols	8.917	107	153892	44.529	ng		98
22) Acetophenone	8.982	105	191691	38.211	ng	#	99
24) Nitrobenzene	9.370	77	147670	41.093	ng		99
25) Isophorone	9.887	82	276208	41.461	ng		99
26) 2-Nitrophenol	10.081	139	66925	72.016	ng		96
27) 2,4-Dimethylphenol	10.128	122	103560	42.617	ng		94
28) bis(2-Chloroethoxy)met...	10.369	93	156069	39.659	ng		99
29) 2,4-Dichlorophenol	10.615	162	119954	46.006	ng		99
30) 1,2,4-Trichlorobenzene	10.839	180	134300	38.653	ng		99
31) Naphthalene	11.032	128	412886	38.515	ng		99
32) Benzoic acid	10.251	122	66983	54.806	ng		95
33) 4-Chloroaniline	11.132	127	170472	40.288	ng		99
34) Hexachlorobutadiene	11.309	225	85162	38.825	ng		98
35) Caprolactam	11.902	113	42947	52.755	ng		95
36) 4-Chloro-3-methylphenol	12.237	107	131073	47.308	ng		97
37) 2-Methylnaphthalene	12.625	142	292523	39.719	ng		98
38) 1-Methylnaphthalene	12.842	142	282313	39.638	ng		99
40) 1,2,4,5-Tetrachloroben...	12.983	216	150085	36.563	ng		100
41) Hexachlorocyclopentadiene	12.966	237	82595	48.409	ng		98
43) 2,4,6-Trichlorophenol	13.224	196	104027	48.238	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.295	196	116538	47.747	ng	99
46) 1,1'-Biphenyl	13.624	154	376914	37.465	ng	99
47) 2-Chloronaphthalene	13.671	162	284537	37.076	ng	99
48) 2-Nitroaniline	13.864	65	91767	59.404	ng	99
49) Acenaphthylene	14.511	152	473482	37.957	ng	99
50) Dimethylphthalate	14.235	163	388722	43.419	ng	99
51) 2,6-Dinitrotoluene	14.358	165	82630	50.746	ng	89
52) Acenaphthene	14.852	154	306055	40.018	ng	99
53) 3-Nitroaniline	14.687	138	92212	49.108	ng	96
54) 2,4-Dinitrophenol	14.887	184	39943	68.778	ng	93
55) Dibenzofuran	15.181	168	444145	38.321	ng	100
56) 4-Nitrophenol	14.975	139	74153	53.131	ng	97
57) 2,4-Dinitrotoluene	15.139	165	115830	55.414	ng	88
58) Fluorene	15.833	166	375464	39.187	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.404	232	104038	51.199	ng	96
60) Diethylphthalate	15.592	149	393576	45.067	ng	99
61) 4-Chlorophenyl-phenyle...	15.821	204	185118	39.016	ng	100
62) 4-Nitroaniline	15.850	138	95410	46.626	ng	98
63) Azobenzene	16.115	77	369752	38.122	ng	97
65) 4,6-Dinitro-2-methylph...	15.897	198	62854	68.664	ng	97
66) n-Nitrosodiphenylamine	16.033	169	331839	38.968	ng	100
67) 4-Bromophenyl-phenylether	16.714	248	127669	44.257	ng	98
68) Hexachlorobenzene	16.832	284	143178	39.337	ng	99
69) Atrazine	16.973	200	120438	47.726	ng	99
70) Pentachlorophenol	17.172	266	81601	48.534	ng	98
71) Phenanthrene	17.578	178	614575	38.475	ng	99
72) Anthracene	17.666	178	601584	38.866	ng	99
73) Carbazole	17.930	167	554764	40.286	ng	100
74) Di-n-butylphthalate	18.477	149	706176	48.069	ng	99
75) Fluoranthene	19.581	202	753964	40.037	ng	98
77) Benzidine	19.758	184	291935	48.354	ng	99
78) Pyrene	19.940	202	768046	39.158	ng	99
80) Butylbenzylphthalate	20.815	149	314362	58.254	ng	98
81) Benzo(a)anthracene	21.808	228	726884	38.490	ng	100
82) 3,3'-Dichlorobenzidine	21.714	252	262739	46.041	ng	99
83) Chrysene	21.879	228	693907	38.610	ng	99
84) Bis(2-ethylhexyl)phtha...	21.696	149	450074	53.093	ng	98
85) Di-n-octyl phthalate	22.960	149	766814	52.656	ng	97
87) Indeno(1,2,3-cd)pyrene	29.070	276	882683	39.706	ng	99
88) Benzo(b)fluoranthene	24.117	252	733529	39.654	ng	100
89) Benzo(k)fluoranthene	24.194	252	720361	37.737	ng	99
90) Benzo(a)pyrene	25.040	252	621197	39.125	ng	100
91) Dibenzo(a,h)anthracene	29.152	278	716610	39.239	ng	100
92) Benzo(g,h,i)perylene	30.298	276	720230	40.341	ng	98

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

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