Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055360.D
Acq On : 29 Oct 2022 11:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 02:42:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	27775	20.000	ng		0.00
21) Naphthalene-d8	11.090	136	120350	20.000	ng	#	0.00
39) Acenaphthene-d10	14.874	164	86408	20.000	ng		0.00
64) Phenanthrene-d10	17.612	188	205983	20.000	ng	#	0.00
76) Chrysene-d12	21.889	240	200084	20.000	ng		0.00
86) Perylene-d12	25.273	264	220786	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.784	112	123110	77.610	ng		0.00
7) Phenol-d6	7.406	99	170057	73.998	ng		0.00
23) Nitrobenzene-d5	9.439	82	174503	74.040	ng		0.00
42) 2,4,6-Tribromophenol	16.354	330	91511	97.422	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	440476	83.436	ng		0.00
79) Terphenyl-d14	20.179	244	788558	81.884	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.593	88	26181	34.183	ng		97
3) Pyridine	4.016	79	82735	35.871	ng		94
4) n-Nitrosodimethylamine	3.922	42	31937	31.166	ng	#	95
6) Aniline	7.576	93	107628	35.775	ng		98
8) 2-Chlorophenol	7.823	128	73063	39.618	ng		94
9) Benzaldehyde	7.388	77	51570	32.866	ng		95
10) Phenol	7.435	94	95495	37.098	ng		100
11) bis(2-Chloroethyl)ether	7.664	93	72041	37.074	ng		95
12) 1,3-Dichlorobenzene	8.152	146	82391	40.946	ng		98
13) 1,4-Dichlorobenzene	8.299	146	83665	40.708	ng		99
14) 1,2-Dichlorobenzene	8.622	146	80229	40.544	ng		97
15) Benzyl Alcohol	8.499	79	68092	35.407	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.787	45	98011	30.821	ng		94
17) 2-Methylphenol	8.698	107	68523	37.640	ng		99
18) Hexachloroethane	9.357	117	29365	40.124	ng		92
19) n-Nitroso-di-n-propyla...	9.063	70	64810	33.960	ng		96
20) 3+4-Methylphenols	9.028	107	96721	37.095	ng		97
22) Acetophenone	9.086	105	119932	38.979	ng		95
24) Nitrobenzene	9.480	77	91435	37.258	ng		94
25) Isophorone	9.997	82	171973	36.125	ng		96
26) 2-Nitrophenol	10.197	139	46782	43.531	ng		89
27) 2,4-Dimethylphenol	10.244	122	64890	38.677	ng		99
28) bis(2-Chloroethoxy)met...	10.473	93	92917	38.658	ng		98
29) 2,4-Dichlorophenol	10.737	162	80044	44.473	ng		96
30) 1,2,4-Trichlorobenzene	10.949	180	85794	46.705	ng		99
31) Naphthalene	11.143	128	259678	40.447	ng		99
32) Benzoic acid	10.391	122	35583	29.793	ng		99
33) 4-Chloroaniline	11.243	127	109730	39.977	ng		97
34) Hexachlorobutadiene	11.413	225	52743	50.252	ng		98
35) Caprolactam	12.018	113	29823	35.702	ng	#	86
36) 4-Chloro-3-methylphenol	12.347	107	88976	39.287	ng		94
37) 2-Methylnaphthalene	12.723	142	187330	40.469	ng		98
38) 1-Methylnaphthalene	12.941	142	182722	40.012	ng		100
40) 1,2,4,5-Tetrachloroben...	13.087	216	96330	46.222	ng		98
41) Hexachlorocyclopentadiene	13.064	237	39990	41.835	ng		96
43) 2,4,6-Trichlorophenol	13.322	196	69145	44.921	ng		97

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44) 2,4,5-Trichlorophenol	13.399	196	79009	46.407	ng		94
46) 1,1'-Biphenyl	13.710	154	241687	40.781	ng		99
47) 2-Chloronaphthalene	13.763	162	195599	41.854	ng		97
48) 2-Nitroaniline	13.957	65	63537	34.764	ng		92
49) Acenaphthylene	14.603	152	320782	39.763	ng		100
50) Dimethylphthalate	14.321	163	280624	41.364	ng		99
51) 2,6-Dinitrotoluene	14.445	165	59864	43.364	ng		85
52) Acenaphthene	14.938	154	206525m	40.162	ng		
53) 3-Nitroaniline	14.780	138	68672	39.578	ng		91
54) 2,4-Dinitrophenol	14.985	184	31804	41.415	ng		89
55) Dibenzofuran	15.267	168	317862	41.201	ng		97
56) 4-Nitrophenol	15.079	139	48535	39.109	ng		93
57) 2,4-Dinitrotoluene	15.226	165	86440	43.148	ng		86
58) Fluorene	15.914	166	258619	40.288	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.496	232	70283	46.306	ng		91
60) Diethylphthalate	15.661	149	293561	40.678	ng		98
61) 4-Chlorophenyl-phenyle...	15.896	204	130767	44.329	ng		94
62) 4-Nitroaniline	15.931	138	73412	40.262	ng		96
63) Azobenzene	16.190	77	249615	35.504	ng		96
65) 4,6-Dinitro-2-methylph...	15.990	198	53385	47.145	ng		86
66) n-Nitrosodiphenylamine	16.107	169	230156	40.144	ng		97
67) 4-Bromophenyl-phenylether	16.789	248	89920	44.933	ng		95
68) Hexachlorobenzene	16.918	284	103045	45.540	ng		93
69) Atrazine	17.042	200	83946	43.059	ng		99
70) Pentachlorophenol	17.259	266	50595	40.865	ng		95
71) Phenanthrene	17.653	178	440439	40.094	ng		100
72) Anthracene	17.741	178	430688	40.104	ng		100
73) Carbazole	18.005	167	409519	39.646	ng		99
74) Di-n-butylphthalate	18.534	149	521715	40.406	ng		99
75) Fluoranthene	19.639	202	533578	41.685	ng		97
77) Benzidine	19.809	184	166215	34.309	ng		98
78) Pyrene	20.003	202	544432	39.698	ng		98
80) Butylbenzylphthalate	20.855	149	237694	36.677	ng		88
81) Benzo(a)anthracene	21.865	228	538155	40.053	ng		99
82) 3,3'-Dichlorobenzidine	21.766	252	187245	42.790	ng		99
83) Chrysene	21.936	228	507914	39.797	ng		99
84) Bis(2-ethylhexyl)phtha...	21.724	149	346475	37.425	ng		97
85) Di-n-octyl phthalate	22.988	149	592340	38.405	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.174	276	683176	41.895	ng	#	96
88) Benzo(b)fluoranthene	24.192	252	549480	41.374	ng	#	97
89) Benzo(k)fluoranthene	24.263	252	541265	40.362	ng	#	96
90) Benzo(a)pyrene	25.115	252	468139	41.105	ng		98
91) Dibenzo(a,h)anthracene	29.245	278	573086	42.825	ng	#	96
92) Benzo(g,h,i)perylene	30.414	276	557258	41.984	ng		96

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

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