Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
Data File : BG055433.D
Acq On : 3 Nov 2022 11:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 16:07:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.236	152	29312	20.000	ng		-0.01
21) Naphthalene-d8	11.068	136	127304	20.000	ng		0.00
39) Acenaphthene-d10	14.857	164	96185	20.000	ng		0.00
64) Phenanthrene-d10	17.589	188	237773	20.000	ng		0.00
76) Chrysene-d12	21.861	240	225196	20.000	ng		-0.01
86) Perylene-d12	25.233	264	250990	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	128520	78.740	ng		0.00
7) Phenol-d6	7.384	99	182031	80.421	ng		-0.01
23) Nitrobenzene-d5	9.411	82	182620	76.453	ng		-0.01
42) 2,4,6-Tribromophenol	16.338	330	109139	83.186	ng		0.00
45) 2-Fluorobiphenyl	13.482	172	473943	73.057	ng		0.00
79) Terphenyl-d14	20.163	244	877224	75.747	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.565	88	27278	36.846	ng		98
3) Pyridine	3.988	79	85308	38.828	ng		100
4) n-Nitrosodimethylamine	3.894	42	33977	39.146	ng		98
6) Aniline	7.554	93	114956	39.158	ng		96
8) 2-Chlorophenol	7.801	128	76671	38.661	ng		99
9) Benzaldehyde	7.366	77	51456	38.668	ng		98
10) Phenol	7.413	94	100842	39.362	ng		97
11) bis(2-Chloroethyl)ether	7.642	93	71473	37.289	ng		96
12) 1,3-Dichlorobenzene	8.124	146	85718	38.134	ng		99
13) 1,4-Dichlorobenzene	8.271	146	87725	38.318	ng		98
14) 1,2-Dichlorobenzene	8.594	146	84037	38.349	ng		99
15) Benzyl Alcohol	8.476	79	71559	39.639	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.758	45	90484	35.482	ng		99
17) 2-Methylphenol	8.676	107	72413	39.284	ng		99
18) Hexachloroethane	9.334	117	29171	37.351	ng		95
19) n-Nitroso-di-n-propyla...	9.040	70	66021	37.328	ng		96
20) 3+4-Methylphenols	9.005	107	102423	39.106	ng		98
22) Acetophenone	9.064	105	126392	37.879	ng	#	98
24) Nitrobenzene	9.458	77	95473	38.337	ng		99
25) Isophorone	9.975	82	179224	37.886	ng		99
26) 2-Nitrophenol	10.169	139	49424	38.542	ng		98
27) 2,4-Dimethylphenol	10.221	122	68501	38.098	ng		96
28) bis(2-Chloroethoxy)met...	10.451	93	92348	36.650	ng		98
29) 2,4-Dichlorophenol	10.709	162	85593	39.024	ng		96
30) 1,2,4-Trichlorobenzene	10.927	180	90053	37.916	ng		99
31) Naphthalene	11.115	128	272005	37.949	ng		99
32) Benzoic acid	10.386	122	43784m	41.724	ng		
33) 4-Chloroaniline	11.220	127	119549	40.141	ng		98
34) Hexachlorobutadiene	11.391	225	55149	37.355	ng		98
35) Caprolactam	12.002	113	33103	40.763	ng		97
36) 4-Chloro-3-methylphenol	12.331	107	96992	40.387	ng		98
37) 2-Methylnaphthalene	12.701	142	199000	37.798	ng		99
38) 1-Methylnaphthalene	12.918	142	196977	38.359	ng		99
40) 1,2,4,5-Tetrachloroben...	13.065	216	104879	36.912	ng		100
41) Hexachlorocyclopentadiene	13.036	237	41743	34.773	ng		95
43) 2,4,6-Trichlorophenol	13.300	196	77254	39.044	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	89044	40.402	ng	99
46) 1,1'-Biphenyl	13.688	154	260730	36.839	ng	98
47) 2-Chloronaphthalene	13.741	162	213019	37.457	ng	98
48) 2-Nitroaniline	13.941	65	69552	39.817	ng	99
49) Acenaphthylene	14.581	152	358848	38.428	ng	100
50) Dimethylphthalate	14.299	163	315708	39.322	ng	99
51) 2,6-Dinitrotoluene	14.422	165	68048	40.485	ng	96
52) Acenaphthene	14.916	154	211960	38.138	ng	98
53) 3-Nitroaniline	14.757	138	78521	41.565	ng	98
54) 2,4-Dinitrophenol	14.969	184	37315	39.521	ng	98
55) Dibenzofuran	15.251	168	355718	38.668	ng	99
56) 4-Nitrophenol	15.069	139	55035	42.488	ng	94
57) 2,4-Dinitrotoluene	15.210	165	100201	41.692	ng	98
58) Fluorene	15.897	166	294034	39.346	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.474	232	81258	41.004	ng	99
60) Diethylphthalate	15.645	149	332048	39.797	ng	99
61) 4-Chlorophenyl-phenyle...	15.874	204	150150	38.863	ng	99
62) 4-Nitroaniline	15.921	138	82197	41.126	ng	98
63) Azobenzene	16.167	77	268240	38.675	ng	98
65) 4,6-Dinitro-2-methylph...	15.974	198	61909	40.421	ng	99
66) n-Nitrosodiphenylamine	16.091	169	263990	37.344	ng	99
67) 4-Bromophenyl-phenylether	16.767	248	105876	37.669	ng	98
68) Hexachlorobenzene	16.896	284	122129	38.102	ng	98
69) Atrazine	17.025	200	89132	37.556	ng	100
70) Pentachlorophenol	17.243	266	59586	38.188	ng	98
71) Phenanthrene	17.630	178	507741	37.963	ng	100
72) Anthracene	17.724	178	497791	37.972	ng	99
73) Carbazole	17.989	167	462403	37.912	ng	99
74) Di-n-butylphthalate	18.518	149	578215	37.958	ng	100
75) Fluoranthene	19.622	202	604708	37.589	ng	99
77) Benzidine	19.793	184	200163	42.693	ng	99
78) Pyrene	19.981	202	613579	38.622	ng	100
80) Butylbenzylphthalate	20.833	149	260058	39.263	ng	99
81) Benzo(a)anthracene	21.843	228	599028	38.750	ng	100
82) 3,3'-Dichlorobenzidine	21.743	252	210846	39.774	ng	98
83) Chrysene	21.908	228	565022	38.311	ng	99
84) Bis(2-ethylhexyl)phtha...	21.702	149	372415	38.681	ng	99
85) Di-n-octyl phthalate	22.954	149	629222	38.143	ng	100
87) Indeno(1,2,3-cd)pyrene	29.117	276	765073	37.966	ng	99
88) Benzo(b)fluoranthene	24.158	252	617667	38.742	ng	99
89) Benzo(k)fluoranthene	24.229	252	602852	37.628	ng	100
90) Benzo(a)pyrene	25.075	252	527047	38.233	ng	98
91) Dibenzo(a,h)anthracene	29.176	278	638714	38.417	ng	100
92) Benzo(g,h,i)perylene	30.351	276	626551	37.892	ng	99

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

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