Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
Data File : BG055948.D
Acq On : 13 Dec 2022 18:34
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 01:54:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:49:58 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

12/14/2022
Supervised By :mohammad ahmed

12/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.373	152	4524	20.000	ng		0.00
21) Naphthalene-d8	11.205	136	17659	20.000	ng	#	0.00
39) Acenaphthene-d10	14.977	164	17634	20.000	ng		0.00
64) Phenanthrene-d10	17.715	188	52837	20.000	ng		0.00
76) Chrysene-d12	22.021	240	67800	20.000	ng		0.00
86) Perylene-d12	25.511	264	75809	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.887	112	3919	15.658	ng		0.00
7) Phenol-d6	7.491	99	4901	14.710	ng		0.00
23) Nitrobenzene-d5	9.542	82	4468	13.373	ng		0.00
42) 2,4,6-Tribromophenol	16.451	330	7507	30.232	ng		0.00
45) 2-Fluorobiphenyl	13.608	172	24566	20.870	ng		0.00
79) Terphenyl-d14	20.288	244	76310	22.512	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.725	88	572	5.348	ng		94
3) Pyridine	4.136	79	1605	4.891	ng	#	88
4) n-Nitrosodimethylamine	4.048	42	1710	9.843	ng	#	96
6) Aniline	7.685	93	3093	7.391	ng	#	87
8) 2-Chlorophenol	7.926	128	2498	8.731	ng		91
9) Benzaldehyde	7.497	77	1986	8.777	ng		90
10) Phenol	7.515	94	2767	7.417	ng		95
11) bis(2-Chloroethyl)ether	7.779	93	2011	7.034	ng		86
12) 1,3-Dichlorobenzene	8.261	146	3422	10.172	ng		95
13) 1,4-Dichlorobenzene	8.408	146	3609m	10.617	ng		
14) 1,2-Dichlorobenzene	8.737	146	3377	10.367	ng		99
15) Benzyl Alcohol	8.602	79	2582	9.536	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.890	45	2364	4.568	ng		68
17) 2-Methylphenol	8.790	107	2209	8.340	ng	#	85
18) Hexachloroethane	9.477	117	956	8.171	ng		89
19) n-Nitroso-di-n-propyla...	9.172	70	1858	7.258	ng	#	75
20) 3+4-Methylphenols	9.119	107	3113	8.414	ng		89
22) Acetophenone	9.195	105	4326	9.428	ng		98
24) Nitrobenzene	9.589	77	2201	6.307	ng		99
25) Isophorone	10.106	82	5051	7.979	ng	#	93
26) 2-Nitrophenol	10.300	139	1307	8.113	ng	#	85
27) 2,4-Dimethylphenol	10.341	122	2605	10.624	ng		98
28) bis(2-Chloroethoxy)met...	10.582	93	2191	6.447	ng		100
29) 2,4-Dichlorophenol	10.829	162	3591	12.236	ng		86
30) 1,2,4-Trichlorobenzene	11.058	180	4773	13.999	ng		93
31) Naphthalene	11.258	128	9441	9.890	ng	#	96
32) Benzoic acid	10.394	122	1124	5.572	ng		97
33) 4-Chloroaniline	11.352	127	3975	10.094	ng		96
34) Hexachlorobutadiene	11.534	225	4522	19.424	ng	#	81
35) Caprolactam	12.092	113	947	9.325	ng	#	77
36) 4-Chloro-3-methylphenol	12.427	107	3205	9.936	ng		96
37) 2-Methylnaphthalene	12.832	142	8075	11.297	ng		95
38) 1-Methylnaphthalene	13.050	142	8170	11.774	ng		97
40) 1,2,4,5-Tetrachloroben...	13.191	216	7247	13.078	ng		97
41) Hexachlorocyclopentadiene	13.167	237	3957	14.168	ng		89
43) 2,4,6-Trichlorophenol	13.414	196	3943	10.431	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.484	196	4721	11.365	ng	#	90
46) 1,1'-Biphenyl	13.819	154	11576	9.008	ng		96
47) 2-Chloronaphthalene	13.866	162	9246	9.257	ng		98
48) 2-Nitroaniline	14.054	65	1359	4.138	ng		84
49) Acenaphthylene	14.706	152	15392	9.358	ng		99
50) Dimethylphthalate	14.413	163	15205	10.817	ng		96
51) 2,6-Dinitrotoluene	14.536	165	2092	7.278	ng	#	87
52) Acenaphthene	15.041	154	10118	9.413	ng		97
53) 3-Nitroaniline	14.865	138	2209	7.001	ng	#	90
54) 2,4-Dinitrophenol	15.059	184	1463	8.853	ng	#	40
55) Dibenzofuran	15.370	168	16510	9.956	ng	#	96
56) 4-Nitrophenol	15.141	139	1674	6.760	ng	#	72
57) 2,4-Dinitrotoluene	15.312	165	3162	7.803	ng	#	83
58) Fluorene	16.017	166	14299	10.796	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.582	232	5164	12.829	ng	#	97
60) Diethylphthalate	15.764	149	14892	10.478	ng		95
61) 4-Chlorophenyl-phenyle...	16.005	204	9670	13.282	ng		98
62) 4-Nitroaniline	16.017	138	2414	7.319	ng	#	81
63) Azobenzene	16.293	77	8930	7.197	ng		94
65) 4,6-Dinitro-2-methylph...	16.075	198	2152	7.294	ng		90
66) n-Nitrosodiphenylamine	16.211	169	13360	9.175	ng		99
67) 4-Bromophenyl-phenylether	16.898	248	7484	12.432	ng		97
68) Hexachlorobenzene	17.016	284	9375	14.044	ng		99
69) Atrazine	17.145	200	7005	12.164	ng		99
70) Pentachlorophenol	17.350	266	4934	12.083	ng		96
71) Phenanthrene	17.756	178	27551	9.663	ng		98
72) Anthracene	17.844	178	27320	9.861	ng		100
73) Carbazole	18.108	167	22544	9.052	ng		99
74) Di-n-butylphthalate	18.649	149	26281	8.498	ng		99
75) Fluoranthene	19.742	202	39743	11.457	ng		99
77) Benzidine	19.906	184	14442	9.207	ng	#	96
78) Pyrene	20.106	202	40798	8.890	ng		97
80) Butylbenzylphthalate	20.976	149	10773	5.996	ng		95
81) Benzo(a)anthracene	21.998	228	46321	9.919	ng		99
82) 3,3'-Dichlorobenzidine	21.898	252	16974	10.344	ng		94
83) Chrysene	22.068	228	44066	9.912	ng		99
84) Bis(2-ethylhexyl)phtha...	21.886	149	16666	6.455	ng		98
85) Di-n-octyl phthalate	23.197	149	27568	6.239	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.530	276	60632	9.763	ng	#	93
88) Benzo(b)fluoranthene	24.395	252	48860	9.897	ng		100
89) Benzo(k)fluoranthene	24.466	252	49257	10.009	ng		95
90) Benzo(a)pyrene	25.347	252	41812	9.869	ng		97
91) Dibenzo(a,h)anthracene	29.601	278	51640	10.175	ng	#	99
92) Benzo(g,h,i)perylene	30.782	276	49641	9.705	ng		97

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

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