Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
Data File : BG056064.D
Acq On : 22 Dec 2022 16:10
Operator : CG/JU
Sample : N6126-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 23 05:17:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.361	152	11330	20.000	ng		0.00
21) Naphthalene-d8	11.193	136	40942	20.000	ng	#	0.00
39) Acenaphthene-d10	14.965	164	33786	20.000	ng		0.00
64) Phenanthrene-d10	17.703	188	91173	20.000	ng		0.00
76) Chrysene-d12	22.004	240	94529	20.000	ng		0.00
86) Perylene-d12	25.482	264	112122	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	68253	141.276	ng		0.00
7) Phenol-d6	7.492	99	84528	136.037	ng		0.00
23) Nitrobenzene-d5	9.531	82	55895	95.405	ng		0.00
42) 2,4,6-Tribromophenol	16.446	330	107753	132.264	ng		0.00
45) 2-Fluorobiphenyl	13.596	172	196795	81.691	ng		0.00
79) Terphenyl-d14	20.277	244	429268	80.259	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.696	88	7290	51.851	ng		93
3) Pyridine	4.119	79	19289	41.688	ng		89
4) n-Nitrosodimethylamine	4.025	42	16598	39.905	ng	#	82
6) Aniline	7.668	93	16853	22.654	ng		95
8) 2-Chlorophenol	7.915	128	29947	48.047	ng		97
9) Benzaldehyde	7.480	77	16727	42.865	ng		98
10) Phenol	7.521	94	30894	45.429	ng		96
11) bis(2-Chloroethyl)ether	7.756	93	19456	43.922	ng		86
12) 1,3-Dichlorobenzene	8.244	146	35326	43.814	ng		93
13) 1,4-Dichlorobenzene	8.391	146	35487	43.067	ng		95
14) 1,2-Dichlorobenzene	8.720	146	34230	43.468	ng		98
15) Benzyl Alcohol	8.590	79	26833	41.560	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.878	45	29249m	50.734	ng		
17) 2-Methylphenol	8.784	107	23841	44.558	ng		91
18) Hexachloroethane	9.454	117	11641	46.541	ng		93
19) n-Nitroso-di-n-propyla...	9.160	70	18351	41.203	ng	#	93
20) 3+4-Methylphenols	9.113	107	32280	42.276	ng		98
22) Acetophenone	9.184	105	43085	42.451	ng		99
24) Nitrobenzene	9.572	77	30329	51.430	ng		95
25) Isophorone	10.095	82	52884	43.047	ng		98
26) 2-Nitrophenol	10.288	139	17946	51.407	ng		91
27) 2,4-Dimethylphenol	10.335	122	26675m	45.498	ng		
28) bis(2-Chloroethoxy)met...	10.570	93	27566	50.770	ng		97
29) 2,4-Dichlorophenol	10.823	162	39046	46.922	ng		99
30) 1,2,4-Trichlorobenzene	11.046	180	46456	42.945	ng		92
31) Naphthalene	11.240	128	90458	41.873	ng		97
32) Benzoic acid	10.459	122	22196	44.606	ng	#	77
33) 4-Chloroaniline	11.340	127	8291	8.953	ng		94
34) Hexachlorobutadiene	11.516	225	40625	39.947	ng		92
35) Caprolactam	12.104	113	8990m	38.775	ng		
36) 4-Chloro-3-methylphenol	12.427	107	33939	43.495	ng		96
37) 2-Methylnaphthalene	12.821	142	76045	39.843	ng		96
38) 1-Methylnaphthalene	13.032	142	70519	37.927	ng		97
40) 1,2,4,5-Tetrachloroben...	13.179	216	67731	47.514	ng		99
41) Hexachlorocyclopentadiene	13.156	237	101281	125.240	ng		98
43) 2,4,6-Trichlorophenol	13.408	196	42555	50.431	ng		98

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44)	2,4,5-Trichlorophenol	13.479	196	47335	49.763	ng		96
46)	1,1'-Biphenyl	13.808	154	110373	48.196	ng		98
47)	2-Chloronaphthalene	13.855	162	86864	46.681	ng		94
48)	2-Nitroaniline	14.043	65	21166	57.132	ng		93
49)	Acenaphthylene	14.695	152	134082	45.143	ng		98
50)	Dimethylphthalate	14.407	163	121742	41.678	ng		98
51)	2,6-Dinitrotoluene	14.531	165	25858	57.205	ng		92
52)	Acenaphthene	15.030	154	106770m	53.546	ng		
53)	3-Nitroaniline	14.860	138	8413	18.298	ng		98
54)	2,4-Dinitrophenol	15.065	184	39934	118.837	ng	#	79
55)	Dibenzofuran	15.359	168	147611	44.022	ng		97
56)	4-Nitrophenol	15.153	139	38203	103.688	ng		99
57)	2,4-Dinitrotoluene	15.312	165	37918	55.573	ng		92
58)	Fluorene	16.005	166	114982	41.949	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.576	232	50252	46.244	ng		99
60)	Diethylphthalate	15.759	149	113163	39.637	ng		99
61)	4-Chlorophenyl-phenyle...	15.988	204	81074	43.418	ng		98
62)	4-Nitroaniline	16.017	138	22446	44.829	ng		95
63)	Azobenzene	16.281	77	75608	43.510	ng		96
65)	4,6-Dinitro-2-methylph...	16.070	198	27149	62.335	ng		90
66)	n-Nitrosodiphenylamine	16.199	169	106054	44.388	ng		98
67)	4-Bromophenyl-phenylether	16.881	248	60456	45.253	ng		96
68)	Hexachlorobenzene	17.004	284	70890	43.079	ng		97
69)	Atrazine	17.133	200	52147	48.203	ng		96
70)	Pentachlorophenol	17.345	266	90709	96.421	ng		95
71)	Phenanthrene	17.744	178	209789	43.908	ng		99
72)	Anthracene	17.838	178	208566	44.123	ng		98
73)	Carbazole	18.097	167	168182	43.140	ng		98
74)	Di-n-butylphthalate	18.632	149	189042	41.696	ng		98
75)	Fluoranthene	19.730	202	274153	40.976	ng		99
77)	Benzidine	19.895	184	61535	37.067	ng		97
78)	Pyrene	20.095	202	272681	47.671	ng		99
80)	Butylbenzylphthalate	20.958	149	79327	48.942	ng		98
81)	Benzo(a)anthracene	21.986	228	302997	45.551	ng		99
82)	3,3'-Dichlorobenzidine	21.881	252	45278	18.919	ng		98
83)	Chrysene	22.057	228	282118	45.253	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.857	149	112578	46.750	ng		98
85)	Di-n-octyl phthalate	23.156	149	194169	47.534	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.501	276	389416	43.191	ng	#	99
88)	Benzo(b)fluoranthene	24.378	252	332018	45.755	ng		99
89)	Benzo(k)fluoranthene	24.454	252	320916	44.327	ng		99
90)	Benzo(a)pyrene	25.324	252	290780	47.407	ng		99
91)	Dibenzo(a,h)anthracene	29.578	278	330452	43.789	ng		98
92)	Benzo(g,h,i)perylene	30.770	276	315039	43.178	ng		97

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

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