Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
Data File : BG054727.D
Acq On : 24 Aug 2022 19:52
Operator : CG/JU
Sample : N4283-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
337MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 03:11:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.159	152	39222	20.000	ng		0.00
21) Naphthalene-d8	10.985	136	171976	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	128782	20.000	ng		0.00
64) Phenanthrene-d10	17.536	188	302713	20.000	ng		0.00
76) Chrysene-d12	21.831	240	263580	20.000	ng		0.00
86) Perylene-d12	25.204	264	280462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.697	112	333604	160.280	ng		0.00
7) Phenol-d6	7.301	99	431713	148.027	ng		0.00
23) Nitrobenzene-d5	9.328	82	296853	98.370	ng		0.00
42) 2,4,6-Tribromophenol	16.279	330	248215	240.672	ng		0.00
45) 2-Fluorobiphenyl	13.417	172	698025	79.932	ng		0.00
79) Terphenyl-d14	20.133	244	1314106	99.038	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	40590	37.930	ng	#	24
3) Pyridine	3.958	79	109656	36.599	ng		95
4) n-Nitrosodimethylamine	3.864	42	61727	47.031	ng		95
6) Aniline	7.477	93	116465	32.009	ng		99
8) 2-Chlorophenol	7.718	128	134413	60.632	ng		100
9) Benzaldehyde	7.289	77	76145	37.764	ng		99
10) Phenol	7.330	94	153651	50.862	ng		98
11) bis(2-Chloroethyl)ether	7.565	93	126929	49.157	ng		99
12) 1,3-Dichlorobenzene	8.047	146	133868	47.043	ng		99
13) 1,4-Dichlorobenzene	8.194	146	135462	47.238	ng		99
14) 1,2-Dichlorobenzene	8.511	146	132858	49.126	ng		97
15) Benzyl Alcohol	8.394	79	126658m	62.319	ng		
16) 2,2'-oxybis(1-Chloropr...	8.682	45	209143	52.204	ng		98
17) 2-Methylphenol	8.594	107	119451	58.648	ng		99
18) Hexachloroethane	9.252	117	48544	51.257	ng		100
19) n-Nitroso-di-n-propyla...	8.964	70	110399	53.802	ng		96
20) 3+4-Methylphenols	8.923	107	164046	60.335	ng		97
22) Acetophenone	8.987	105	207583	47.927	ng	#	99
24) Nitrobenzene	9.375	77	154801	49.895	ng		99
25) Isophorone	9.892	82	319291	55.514	ng		100
26) 2-Nitrophenol	10.086	139	73426	66.436	ng		93
27) 2,4-Dimethylphenol	10.133	122	139643m	66.560	ng		
28) bis(2-Chloroethoxy)met...	10.374	93	182475	53.707	ng		98
29) 2,4-Dichlorophenol	10.621	162	141210	62.730	ng		98
30) 1,2,4-Trichlorobenzene	10.838	180	133038	44.350	ng		98
31) Naphthalene	11.038	128	420828	45.468	ng		100
32) Benzoic acid	10.221	122	23815	26.670	ng		97
33) 4-Chloroaniline	11.138	127	26163	7.162	ng		96
34) Hexachlorobutadiene	11.308	225	82342	43.480	ng		98
35) Caprolactam	11.907	113	47147m	67.079	ng		
36) 4-Chloro-3-methylphenol	12.242	107	168974	70.639	ng		97
37) 2-Methylnaphthalene	12.630	142	310025	48.758	ng		97
38) 1-Methylnaphthalene	12.847	142	301615	49.050	ng		98
40) 1,2,4,5-Tetrachloroben...	12.988	216	168740	42.440	ng		99
41) Hexachlorocyclopentadiene	12.965	237	174979	105.878	ng		97
43) 2,4,6-Trichlorophenol	13.223	196	129331	61.916	ng		98

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44) 2,4,5-Trichlorophenol	13.300	196	146336	61.899	ng	98
46) 1,1'-Biphenyl	13.629	154	439164	45.068	ng	99
47) 2-Chloronaphthalene	13.670	162	330978	44.526	ng	99
48) 2-Nitroaniline	13.870	65	116834	62.455	ng	98
49) Acenaphthylene	14.516	152	574135	47.518	ng	100
50) Dimethylphthalate	14.240	163	476395	54.936	ng	99
51) 2,6-Dinitrotoluene	14.363	165	101877	64.594	ng	90
52) Acenaphthene	14.857	154	356317	48.100	ng	98
53) 3-Nitroaniline	14.692	138	59723	32.837	ng	94
54) 2,4-Dinitrophenol	14.892	184	32061	56.995	ng	95
55) Dibenzofuran	15.186	168	542924	48.362	ng	98
56) 4-Nitrophenol	14.986	139	161922	119.777	ng	99
57) 2,4-Dinitrotoluene	15.145	165	143270	59.633	ng	90
58) Fluorene	15.832	166	464678	50.070	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.409	232	130257	66.180	ng	97
60) Diethylphthalate	15.591	149	488762	57.781	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	236052	51.364	ng	99
62) 4-Nitroaniline	15.856	138	107946	54.462	ng	98
63) Azobenzene	16.114	77	463192	49.304	ng	99
65) 4,6-Dinitro-2-methylph...	15.903	198	39586	42.810	ng	95
66) n-Nitrosodiphenylamine	16.038	169	424349	49.330	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	162279	55.690	ng	99
68) Hexachlorobenzene	16.831	284	181877	49.467	ng	99
69) Atrazine	16.978	200	158705	62.257	ng	100
70) Pentachlorophenol	17.178	266	143837	71.246	ng	100
71) Phenanthrene	17.577	178	750577	46.517	ng	100
72) Anthracene	17.671	178	758852	48.534	ng	100
73) Carbazole	17.936	167	688600	49.502	ng	98
74) Di-n-butylphthalate	18.482	149	842141	56.747	ng	100
75) Fluoranthene	19.581	202	879750	46.247	ng	99
77) Benzidine	19.757	184	114675	20.038	ng	100
78) Pyrene	19.945	202	888313	47.779	ng	98
80) Butylbenzylphthalate	20.820	149	373219	59.658	ng	98
81) Benzo(a)anthracene	21.808	228	851596	47.571	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	175884	32.515	ng	99
83) Chrysene	21.878	228	798680	46.882	ng	100
84) Bis(2-ethylhexyl)phtha...	21.696	149	540848	57.334	ng	99
85) Di-n-octyl phthalate	22.965	149	905996	65.633	ng	98
87) Indeno(1,2,3-cd)pyrene	29.087	276	1006619	48.098	ng	99
88) Benzo(b)fluoranthene	24.128	252	900703	51.720	ng	100
89) Benzo(k)fluoranthene	24.199	252	859227	47.811	ng	98
90) Benzo(a)pyrene	25.045	252	782337	52.340	ng	99
91) Dibenzo(a,h)anthracene	29.164	278	865717	50.353	ng	99
92) Benzo(g,h,i)perylene	30.309	276	864315	51.423	ng	99

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

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