Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
Data File : BG054899.D
Acq On : 9 Sep 2022 16:19
Operator : CG/JU
Sample : N4528-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 10 01:58:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 10 01:53:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PIT-10MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.146	152	39797	20.000	ng		0.00
21) Naphthalene-d8	10.973	136	158994	20.000	ng		0.00
39) Acenaphthene-d10	14.780	164	104997	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	231620	20.000	ng		0.00
76) Chrysene-d12	21.825	240	240537	20.000	ng		0.00
86) Perylene-d12	25.203	264	260205	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	301143	131.768	ng		0.00
7) Phenol-d6	7.306	99	369142	118.108	ng		0.00
23) Nitrobenzene-d5	9.322	82	249951	82.528	ng		0.00
42) 2,4,6-Tribromophenol	16.272	330	186293	141.991	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	608595	87.119	ng		0.00
79) Terphenyl-d14	20.126	244	1093277	90.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	38838	35.589	ng	#	74
3) Pyridine	3.945	79	91935	30.203	ng		92
4) n-Nitrosodimethylamine	3.851	42	47027	35.740	ng		85
6) Aniline	7.465	93	101649	27.373	ng		94
8) 2-Chlorophenol	7.712	128	122219	48.948	ng		95
9) Benzaldehyde	7.277	77	54914m	26.807	ng		
10) Phenol	7.336	94	133505	41.536	ng		94
11) bis(2-Chloroethyl)ether	7.553	93	114098	44.138	ng		95
12) 1,3-Dichlorobenzene	8.035	146	123130	42.612	ng		97
13) 1,4-Dichlorobenzene	8.182	146	125933	43.207	ng		98
14) 1,2-Dichlorobenzene	8.505	146	123351	44.633	ng		97
15) Benzyl Alcohol	8.387	79	100870m	44.673	ng		
16) 2,2'-oxybis(1-Chloropr...	8.669	45	149462	36.950	ng		96
17) 2-Methylphenol	8.593	107	103202	46.635	ng		98
18) Hexachloroethane	9.233	117	43318	40.986	ng		93
19) n-Nitroso-di-n-propyla...	8.951	70	90503	42.108	ng	#	94
20) 3+4-Methylphenols	8.922	107	139144	45.342	ng		97
22) Acetophenone	8.975	105	183265	46.073	ng	#	95
24) Nitrobenzene	9.363	77	131866	43.197	ng		97
25) Isophorone	9.886	82	254132	45.002	ng		98
26) 2-Nitrophenol	10.079	139	67909	50.361	ng		98
27) 2,4-Dimethylphenol	10.132	122	114584	53.631	ng		94
28) bis(2-Chloroethoxy)met...	10.361	93	154002	47.858	ng		99
29) 2,4-Dichlorophenol	10.620	162	119597	49.215	ng		98
30) 1,2,4-Trichlorobenzene	10.832	180	122512	44.115	ng		99
31) Naphthalene	11.025	128	369622	43.330	ng		100
32) Benzoic acid	10.367	122	16073m	16.628	ng		
33) 4-Chloroaniline	11.137	127	33844	9.732	ng		95
34) Hexachlorobutadiene	11.296	225	80130	45.035	ng		98
35) Caprolactam	11.913	113	33731m	39.344	ng		
36) 4-Chloro-3-methylphenol	12.248	107	122858	46.232	ng		98
37) 2-Methylnaphthalene	12.618	142	262313	43.874	ng		99
38) 1-Methylnaphthalene	12.841	142	250856	43.125	ng		98
40) 1,2,4,5-Tetrachloroben...	12.982	216	151725	47.937	ng		98
41) Hexachlorocyclopentadiene	12.953	237	109598	65.294	ng		99
43) 2,4,6-Trichlorophenol	13.223	196	94673	45.065	ng		99

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44) 2,4,5-Trichlorophenol	13.299	196	105676	44.791	ng		97
46) 1,1'-Biphenyl	13.616	154	359102	46.056	ng		99
47) 2-Chloronaphthalene	13.663	162	266286	44.969	ng		97
48) 2-Nitroaniline	13.869	65	76760	41.362	ng		89
49) Acenaphthylene	14.510	152	435876	44.606	ng		99
50) Dimethylphthalate	14.228	163	357026	44.137	ng		99
51) 2,6-Dinitrotoluene	14.357	165	78454	47.418	ng	#	81
52) Acenaphthene	14.844	154	280394m	44.671	ng		
53) 3-Nitroaniline	14.692	138	49174	26.550	ng		92
54) 2,4-Dinitrophenol	14.903	184	37811	43.802	ng		98
55) Dibenzofuran	15.179	168	413565	44.839	ng		98
56) 4-Nitrophenol	15.003	139	102497	71.510	ng		92
57) 2,4-Dinitrotoluene	15.144	165	109420	47.813	ng	#	82
58) Fluorene	15.826	166	344513	44.339	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	86978	40.897	ng		97
60) Diethylphthalate	15.579	149	347999	43.083	ng		98
61) 4-Chlorophenyl-phenyle...	15.808	204	180247	47.024	ng		99
62) 4-Nitroaniline	15.855	138	76552	40.482	ng		94
63) Azobenzene	16.108	77	298028	38.823	ng		93
65) 4,6-Dinitro-2-methylph...	15.908	198	43247	36.681	ng		92
66) n-Nitrosodiphenylamine	16.025	169	303664	45.462	ng		99
67) 4-Bromophenyl-phenylether	16.707	248	124830	49.088	ng		96
68) Hexachlorobenzene	16.830	284	141093	49.355	ng		95
69) Atrazine	16.971	200	116467	49.424	ng		99
70) Pentachlorophenol	17.183	266	96173	61.917	ng		98
71) Phenanthrene	17.571	178	554651	44.953	ng		99
72) Anthracene	17.665	178	563578	46.981	ng		100
73) Carbazole	17.935	167	522123	47.241	ng		100
74) Di-n-butylphthalate	18.470	149	639145	45.700	ng		99
75) Fluoranthene	19.580	202	707761	47.153	ng		98
77) Benzidine	19.756	184	113891	19.116	ng		99
78) Pyrene	19.938	202	725451	43.253	ng		99
80) Butylbenzylphthalate	20.808	149	302794	43.281	ng		93
81) Benzo(a)anthracene	21.807	228	741321	45.454	ng		100
82) 3,3'-Dichlorobenzidine	21.713	252	143539	25.103	ng		97
83) Chrysene	21.877	228	697228	44.712	ng		99
84) Bis(2-ethylhexyl)phtha...	21.678	149	444173	44.067	ng		98
85) Di-n-octyl phthalate	22.935	149	743866	43.517	ng	#	92
87) Indeno(1,2,3-cd)pyrene	29.110	276	892151	45.163	ng	#	94
88) Benzo(b)fluoranthene	24.128	252	798808	48.938	ng		98
89) Benzo(k)fluoranthene	24.198	252	750472	45.684	ng		98
90) Benzo(a)pyrene	25.044	252	690990	49.549	ng		99
91) Dibenzo(a,h)anthracene	29.175	278	771624	47.947	ng		98
92) Benzo(g,h,i)perylene	30.338	276	765967	47.113	ng		97

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

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