Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054790.D
Acq On : 30 Aug 2022 15:11
Operator : CG/JU
Sample : N4375-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 16:06:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
08/31/2022
Supervised By :Jagrut Upadhyay
08/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	45280	20.000	ng		0.00
21) Naphthalene-d8	10.978	136	193335	20.000	ng		0.00
39) Acenaphthene-d10	14.786	164	135176	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	309723	20.000	ng		0.00
76) Chrysene-d12	21.825	240	287288	20.000	ng		0.00
86) Perylene-d12	25.191	264	308664	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	335964	129.204	ng		0.00
7) Phenol-d6	7.300	99	427194	120.131	ng		0.00
23) Nitrobenzene-d5	9.327	82	305624	82.986	ng		0.00
42) 2,4,6-Tribromophenol	16.272	330	243596	144.215	ng		0.00
45) 2-Fluorobiphenyl	13.411	172	746142	82.963	ng		0.00
79) Terphenyl-d14	20.127	244	1296028	89.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.540	88	44805	36.085	ng	#	28
3) Pyridine	3.957	79	111447	32.180	ng		99
4) n-Nitrosodimethylamine	3.863	42	60660	40.519	ng		99
6) Aniline	7.471	93	155155	36.722	ng		97
8) 2-Chlorophenol	7.712	128	141273	49.728	ng		97
9) Benzaldehyde	7.283	77	81042	34.771	ng		97
10) Phenol	7.330	94	151943	41.548	ng		96
11) bis(2-Chloroethyl)ether	7.565	93	133218	45.294	ng		95
12) 1,3-Dichlorobenzene	8.041	146	140744	42.810	ng		97
13) 1,4-Dichlorobenzene	8.188	146	142797	43.061	ng		98
14) 1,2-Dichlorobenzene	8.511	146	139136	44.248	ng		99
15) Benzyl Alcohol	8.387	79	131543	51.203	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.675	45	205214	44.590	ng		99
17) 2-Methylphenol	8.593	107	123304	48.971	ng		99
18) Hexachloroethane	9.245	117	49209	40.922	ng		98
19) n-Nitroso-di-n-propyla...	8.957	70	115889	47.391	ng		98
20) 3+4-Methylphenols	8.922	107	167435	47.955	ng		97
22) Acetophenone	8.981	105	217569	44.981	ng	#	98
24) Nitrobenzene	9.369	77	157516	42.434	ng		97
25) Isophorone	9.891	82	324399	47.241	ng		99
26) 2-Nitrophenol	10.079	139	78848	48.087	ng		95
27) 2,4-Dimethylphenol	10.132	122	139417	53.664	ng		97
28) bis(2-Chloroethoxy)met...	10.367	93	191116	48.842	ng		99
29) 2,4-Dichlorophenol	10.620	162	145010	49.073	ng		99
30) 1,2,4-Trichlorobenzene	10.832	180	139751	41.384	ng		97
31) Naphthalene	11.031	128	439402	42.361	ng		100
32) Benzoic acid	10.268	122	55475	32.850	ng		99
33) 4-Chloroaniline	11.131	127	84528	19.989	ng		98
34) Hexachlorobutadiene	11.302	225	90639	41.893	ng		99
35) Caprolactam	11.907	113	41609m	39.912	ng		
36) 4-Chloro-3-methylphenol	12.242	107	161291	49.914	ng		99
37) 2-Methylnaphthalene	12.624	142	323955	44.559	ng		99
38) 1-Methylnaphthalene	12.841	142	311621	44.056	ng		98
40) 1,2,4,5-Tetrachloroben...	12.982	216	177566	43.577	ng		99
41) Hexachlorocyclopentadiene	12.958	237	197790	91.527	ng		98
43) 2,4,6-Trichlorophenol	13.223	196	125797	46.511	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	138937	45.742	ng	99
46) 1,1'-Biphenyl	13.622	154	448724	44.702	ng	99
47) 2-Chloronaphthalene	13.669	162	331718	43.512	ng	99
48) 2-Nitroaniline	13.869	65	112003	46.879	ng	95
49) Acenaphthylene	14.510	152	557259	44.296	ng	100
50) Dimethylphthalate	14.233	163	467232	44.865	ng	99
51) 2,6-Dinitrotoluene	14.357	165	101467	47.635	ng	89
52) Acenaphthene	14.850	154	386892m	47.877	ng	
53) 3-Nitroaniline	14.692	138	75897	31.829	ng	93
54) 2,4-Dinitrophenol	14.892	184	94831	78.979	ng	93
55) Dibenzofuran	15.179	168	529827	44.619	ng	99
56) 4-Nitrophenol	14.991	139	157387	85.291	ng	95
57) 2,4-Dinitrotoluene	15.138	165	144035	48.887	ng	88
58) Fluorene	15.832	166	448417	44.827	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	122318	44.673	ng	98
60) Diethylphthalate	15.591	149	466801	44.889	ng	98
61) 4-Chlorophenyl-phenyle...	15.814	204	230644	46.738	ng	99
62) 4-Nitroaniline	15.849	138	107059	43.975	ng	95
63) Azobenzene	16.108	77	422205	42.721	ng	98
65) 4,6-Dinitro-2-methylph...	15.902	198	69877	44.322	ng	98
66) n-Nitrosodiphenylamine	16.031	169	404439	45.280	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	160318	47.145	ng	100
68) Hexachlorobenzene	16.830	284	179029	46.833	ng	96
69) Atrazine	16.971	200	154403	49.000	ng	98
70) Pentachlorophenol	17.177	266	187578	90.311	ng	99
71) Phenanthrene	17.571	178	729340	44.205	ng	99
72) Anthracene	17.665	178	737090	45.950	ng	99
73) Carbazole	17.935	167	681412	46.106	ng	99
74) Di-n-butylphthalate	18.476	149	827358	44.240	ng	99
75) Fluoranthene	19.580	202	887399	44.213	ng	98
77) Benzidine	19.751	184	145072	20.387	ng	99
78) Pyrene	19.939	202	902214	45.038	ng	99
80) Butylbenzylphthalate	20.814	149	368972	44.157	ng	96
81) Benzo(a)anthracene	21.801	228	865576	44.437	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	239344	35.046	ng	98
83) Chrysene	21.872	228	818370	43.940	ng	99
84) Bis(2-ethylhexyl)phtha...	21.689	149	536120	44.533	ng	98
85) Di-n-octyl phthalate	22.953	149	905864	44.371	ng	96
87) Indeno(1,2,3-cd)pyrene	29.069	276	1040166	44.389	ng	98
88) Benzo(b)fluoranthene	24.116	252	913066	47.156	ng	98
89) Benzo(k)fluoranthene	24.192	252	910708	46.735	ng	99
90) Benzo(a)pyrene	25.033	252	807742	48.827	ng	99
91) Dibenzo(a,h)anthracene	29.145	278	896570	46.964	ng	99
92) Benzo(g,h,i)perylene	30.285	276	892322	46.268	ng	98

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

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