Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054099.D
Acq On : 27 Jun 2022 19:47
Operator : CG/JU
Sample : N3494-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

Quant Time: Jun 28 04:57:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.072	152	22378	20.000	ng		0.00
21) Naphthalene-d8	10.880	136	94885	20.000	ng		0.00
39) Acenaphthene-d10	14.699	164	74383	20.000	ng		0.00
64) Phenanthrene-d10	17.443	188	200281	20.000	ng		0.00
76) Chrysene-d12	21.720	240	209396	20.000	ng		0.00
86) Perylene-d12	24.969	264	214614	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.639	112	181701	155.240	ng		0.00
7) Phenol-d6	7.231	99	233789	147.240	ng		0.00
23) Nitrobenzene-d5	9.229	82	165694	98.133	ng		0.00
42) 2,4,6-Tribromophenol	16.186	330	169943	142.200	ng		0.00
45) 2-Fluorobiphenyl	13.324	172	438846	85.791	ng		0.00
79) Terphenyl-d14	20.046	244	1048134	100.815	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.536	88	22894	44.745	ng	#	59
3) Pyridine	3.935	79	54777	40.119	ng		91
4) n-Nitrosodimethylamine	3.835	42	37266	62.050	ng	#	89
6) Aniline	7.396	93	80820	42.932	ng		98
8) 2-Chlorophenol	7.637	128	74131	59.317	ng		95
9) Benzaldehyde	7.202	77	48525	51.782	ng		83
10) Phenol	7.261	94	87930	54.644	ng		92
11) bis(2-Chloroethyl)ether	7.484	93	69903	56.597	ng		98
12) 1,3-Dichlorobenzene	7.960	146	75963	48.508	ng		90
13) 1,4-Dichlorobenzene	8.107	146	78056	49.621	ng		98
14) 1,2-Dichlorobenzene	8.430	146	77300	51.190	ng		98
15) Benzyl Alcohol	8.307	79	74816	63.044	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.594	45	111913	60.613	ng		100
17) 2-Methylphenol	8.512	107	65752	58.821	ng		92
18) Hexachloroethane	9.158	117	26548	50.874	ng		88
19) n-Nitroso-di-n-propyla...	8.876	70	62121	58.235	ng		91
20) 3+4-Methylphenols	8.841	107	92288	58.870	ng		94
22) Acetophenone	8.894	105	118041	51.180	ng	#	98
24) Nitrobenzene	9.276	77	87810	52.812	ng	#	87
25) Isophorone	9.799	82	174749	55.416	ng	#	94
26) 2-Nitrophenol	9.987	139	42019	57.216	ng	#	82
27) 2,4-Dimethylphenol	10.046	122	75330	63.374	ng		92
28) bis(2-Chloroethoxy)met...	10.275	93	99690	58.683	ng		97
29) 2,4-Dichlorophenol	10.527	162	86276	54.135	ng		92
30) 1,2,4-Trichlorobenzene	10.745	180	86076	43.619	ng		93
31) Naphthalene	10.933	128	229580	47.929	ng		99
32) Benzoic acid	10.187	122	10830m	27.281	ng		
33) 4-Chloroaniline	11.033	127	34052	17.136	ng	#	94
34) Hexachlorobutadiene	11.221	225	62717	41.338	ng		95
35) Caprolactam	11.802	113	26497m	60.394	ng		
36) 4-Chloro-3-methylphenol	12.155	107	89832	57.984	ng		89
37) 2-Methylnaphthalene	12.531	142	174448	49.224	ng		96
38) 1-Methylnaphthalene	12.748	142	165611	47.992	ng		99
40) 1,2,4,5-Tetrachloroben...	12.901	216	124140	43.312	ng		97
41) Hexachlorocyclopentadiene	12.884	237	124598	93.360	ng		96
43) 2,4,6-Trichlorophenol	13.136	196	81898	50.869	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.207	196	92812	51.630	ng		94
46) 1,1'-Biphenyl	13.530	154	252394	48.713	ng		99
47) 2-Chloronaphthalene	13.577	162	200667	47.856	ng		98
48) 2-Nitroaniline	13.771	65	66016	59.185	ng		91
49) Acenaphthylene	14.423	152	322340	49.437	ng		99
50) Dimethylphthalate	14.147	163	290449	51.272	ng		99
51) 2,6-Dinitrotoluene	14.264	165	63087	55.120	ng	#	78
52) Acenaphthene	14.764	154	209367	50.375	ng		98
53) 3-Nitroaniline	14.593	138	43292	39.042	ng		87
54) 2,4-Dinitrophenol	14.805	184	24405	42.288	ng	#	72
55) Dibenzofuran	15.093	168	333824	49.852	ng		95
56) 4-Nitrophenol	14.911	139	96792	122.950	ng	#	84
57) 2,4-Dinitrotoluene	15.052	165	94046	58.181	ng		87
58) Fluorene	15.745	166	277851	50.536	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.322	232	90290	51.360	ng		95
60) Diethylphthalate	15.510	149	292520	53.321	ng		97
61) 4-Chlorophenyl-phenyle...	15.733	204	158696	48.213	ng		91
62) 4-Nitroaniline	15.757	138	64827	56.060	ng	#	75
63) Azobenzene	16.027	77	242816	54.986	ng		92
65) 4,6-Dinitro-2-methylph...	15.815	198	32372	32.398	ng		88
66) n-Nitrosodiphenylamine	15.945	169	258765	49.575	ng		97
67) 4-Bromophenyl-phenylether	16.626	248	113919	45.542	ng		95
68) Hexachlorobenzene	16.750	284	126931	44.361	ng		95
69) Atrazine	16.891	200	120616	55.782	ng		95
70) Pentachlorophenol	17.096	266	121759	91.607	ng		97
71) Phenanthrene	17.484	178	501791	48.766	ng		97
72) Anthracene	17.578	178	509436	50.699	ng		100
73) Carbazole	17.842	167	467030	54.149	ng		98
74) Di-n-butylphthalate	18.395	149	539714	54.122	ng	#	98
75) Fluoranthene	19.493	202	656406	48.594	ng		98
77) Benzidine	19.664	184	176170	40.626	ng		98
78) Pyrene	19.852	202	653568	51.678	ng		98
80) Butylbenzylphthalate	20.733	149	232661	57.394	ng		95
81) Benzo(a)anthracene	21.697	228	663690	48.952	ng		98
82) 3,3'-Dichlorobenzidine	21.609	252	159197	39.301	ng		98
83) Chrysene	21.767	228	615942	47.660	ng		98
84) Bis(2-ethylhexyl)phtha...	21.603	149	335404	57.851	ng		95
85) Di-n-octyl phthalate	22.825	149	572007	57.402	ng		97
87) Indeno(1,2,3-cd)pyrene	28.700	276	763350	47.133	ng	#	94
88) Benzo(b)fluoranthene	23.941	252	688211	52.740	ng		99
89) Benzo(k)fluoranthene	24.012	252	649069	50.238	ng		100
90) Benzo(a)pyrene	24.822	252	605003	54.951	ng	#	98
91) Dibenzo(a,h)anthracene	28.765	278	662888	49.496	ng		98
92) Benzo(g,h,i)perylene	29.864	276	650933	49.251	ng		94

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

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