Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053325.D
Acq On : 26 Apr 2022 18:13
Operator : CG/JU
Sample : N2548-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-8SMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 03:37:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	20021	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	86925	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	76016	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	212293	20.000	ng	0.00
76) Chrysene-d12	21.763	240	215222	20.000	ng	0.00
86) Perylene-d12	25.052	264	222406	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	153388	131.330	ng	0.00
7) Phenol-d6	7.271	99	208548	115.788	ng	0.00
23) Nitrobenzene-d5	9.268	82	173312	80.956	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	169348	140.028	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	413164	74.947	ng	0.00
79) Terphenyl-d14	20.077	244	1050150	82.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.558	88	22407	40.172	ng	# 1
3) Pyridine	3.963	79	48752	33.140	ng	# 84
4) n-Nitrosodimethylamine	3.863	42	35174	48.283	ng	86
6) Aniline	7.429	93	42912	20.558	ng	94
8) 2-Chlorophenol	7.676	128	62496	49.564	ng	95
9) Benzaldehyde	7.235	77	49798m	46.254	ng	
10) Phenol	7.294	94	76342	42.582	ng	90
11) bis(2-Chloroethyl)ether	7.517	93	61042	47.233	ng	89
12) 1,3-Dichlorobenzene	7.999	146	65551m	44.738	ng	
13) 1,4-Dichlorobenzene	8.140	146	67537	45.213	ng	97
14) 1,2-Dichlorobenzene	8.463	146	65235	45.288	ng	95
15) Benzyl Alcohol	8.340	79	76068m	47.515	ng	
16) 2,2'-oxybis(1-Chloropr...	8.628	45	94520	43.807	ng	96
17) 2-Methylphenol	8.551	107	60185	49.608	ng	95
18) Hexachloroethane	9.192	117	24655	44.015	ng	95
19) n-Nitroso-di-n-propyla...	8.904	70	61237	46.440	ng	# 96
20) 3+4-Methylphenols	8.874	107	83399	48.696	ng	97
22) Acetophenone	8.927	105	106222	44.047	ng	# 95
24) Nitrobenzene	9.309	77	91434	43.910	ng	91
25) Isophorone	9.832	82	182556	50.170	ng	96
26) 2-Nitrophenol	10.026	139	38268	43.949	ng	89
27) 2,4-Dimethylphenol	10.084	122	69421	55.668	ng	95
28) bis(2-Chloroethoxy)met...	10.308	93	92085	45.045	ng	99
29) 2,4-Dichlorophenol	10.566	162	77348	49.338	ng	98
30) 1,2,4-Trichlorobenzene	10.778	180	73077	41.185	ng	98
31) Naphthalene	10.966	128	202861	43.743	ng	99
32) Benzoic acid	10.237	122	13906m	19.468	ng	
33) 4-Chloroaniline	11.083	127	13481	6.788	ng	# 91
34) Hexachlorobutadiene	11.253	225	52299	39.680	ng	98
35) Caprolactam	11.835	113	24838m	44.948	ng	
36) 4-Chloro-3-methylphenol	12.193	107	95805	52.491	ng	94
37) 2-Methylnaphthalene	12.563	142	154091	44.903	ng	96
38) 1-Methylnaphthalene	12.781	142	153623	45.862	ng	98
40) 1,2,4,5-Tetrachloroben...	12.934	216	101332	39.249	ng	98
41) Hexachlorocyclopentadiene	12.916	237	92300	69.255	ng	94
43) 2,4,6-Trichlorophenol	13.174	196	77182	43.360	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	87248	45.996	ng		98
46) 1,1'-Biphenyl	13.562	154	227256	41.514	ng		99
47) 2-Chloronaphthalene	13.609	162	178954	40.975	ng		97
48) 2-Nitroaniline	13.809	65	79663	48.064	ng		92
49) Acenaphthylene	14.455	152	321892	47.082	ng		99
50) Dimethylphthalate	14.179	163	285351	46.932	ng		99
51) 2,6-Dinitrotoluene	14.296	165	62896	49.586	ng	#	82
52) Acenaphthene	14.796	154	216951m	46.794	ng		
53) 3-Nitroaniline	14.625	138	19304	14.393	ng	#	95
54) 2,4-Dinitrophenol	14.843	184	50920	63.093	ng	#	84
55) Dibenzofuran	15.125	168	319723	44.040	ng		97
56) 4-Nitrophenol	14.948	139	90053	88.036	ng	#	78
57) 2,4-Dinitrotoluene	15.089	165	94532	52.348	ng	#	86
58) Fluorene	15.777	166	272190	46.421	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.360	232	88285	47.926	ng		98
60) Diethylphthalate	15.536	149	301532	47.334	ng		99
61) 4-Chlorophenyl-phenyle...	15.759	204	147748	44.451	ng		97
62) 4-Nitroaniline	15.794	138	63652	44.975	ng	#	81
63) Azobenzene	16.053	77	291387	45.368	ng		98
65) 4,6-Dinitro-2-methylph...	15.859	198	47111	31.808	ng		97
66) n-Nitrosodiphenylamine	15.976	169	257082	42.111	ng		98
67) 4-Bromophenyl-phenylether	16.658	248	110392	40.582	ng		98
68) Hexachlorobenzene	16.787	284	124937	42.411	ng		96
69) Atrazine	16.922	200	116845	48.998	ng		97
70) Pentachlorophenol	17.134	266	135075	83.898	ng		92
71) Phenanthrene	17.516	178	504477	43.505	ng		97
72) Anthracene	17.610	178	506344	44.076	ng		99
73) Carbazole	17.874	167	470630	42.145	ng		100
74) Di-n-butylphthalate	18.426	149	552560	43.629	ng		99
75) Fluoranthene	19.525	202	654343	44.022	ng		99
77) Benzidine	19.695	184	54822	8.928	ng		99
78) Pyrene	19.889	202	658692	42.973	ng		98
80) Butylbenzylphthalate	20.758	149	244897	42.855	ng		98
81) Benzo(a)anthracene	21.739	228	637636	43.331	ng		98
82) 3,3'-Dichlorobenzidine	21.645	252	85880	15.869	ng		100
83) Chrysene	21.810	228	585118	42.844	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	338110	43.771	ng		99
85) Di-n-octyl phthalate	22.861	149	574358	44.459	ng		97
87) Indeno(1,2,3-cd)pyrene	28.836	276	700537	42.396	ng	#	97
88) Benzo(b)fluoranthene	24.007	252	657398	46.848	ng		97
89) Benzo(k)fluoranthene	24.077	252	622706	45.152	ng		98
90) Benzo(a)pyrene	24.900	252	627320	52.476	ng		98
91) Dibenzo(a,h)anthracene	28.888	278	606838	44.621	ng		98
92) Benzo(g,h,i)perylene	30.022	276	609106	45.441	ng		99

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

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