Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055286.D
Acq On : 25 Oct 2022 22:06
Operator : CG/JU
Sample : N5207-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 14:46:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-221MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	43867	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	197885	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	136577	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	294278	20.000	ng	0.00
76) Chrysene-d12	21.902	240	259039	20.000	ng	0.00
86) Perylene-d12	25.292	264	280307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	331392	132.277	ng	0.00
7) Phenol-d6	7.419	99	455298	125.441	ng	0.00
23) Nitrobenzene-d5	9.446	82	282166	72.812	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	185061	124.644	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	568670	68.150	ng	0.00
79) Terphenyl-d14	20.192	244	825989	66.250	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.600	88	45014	37.212	ng	93
3) Pyridine	4.023	79	124100	34.067	ng	98
4) n-Nitrosodimethylamine	3.929	42	63252	39.082	ng	96
6) Aniline	7.589	93	71691	15.088	ng	99
8) 2-Chlorophenol	7.836	128	140546	48.254	ng	98
9) Benzaldehyde	7.401	77	72859	29.400	ng	97
10) Phenol	7.448	94	190435	46.841	ng	100
11) bis(2-Chloroethyl)ether	7.677	93	131852	42.963	ng	98
12) 1,3-Dichlorobenzene	8.159	146	145220	45.696	ng	97
13) 1,4-Dichlorobenzene	8.312	146	146946	45.270	ng	100
14) 1,2-Dichlorobenzene	8.635	146	142917	45.730	ng	98
15) Benzyl Alcohol	8.506	79	130354m	42.917	ng	
16) 2,2'-oxybis(1-Chloropr...	8.794	45	212798	42.369	ng	100
17) 2-Methylphenol	8.711	107	128414	44.662	ng	99
18) Hexachloroethane	9.369	117	54050	46.762	ng	98
19) n-Nitroso-di-n-propyla...	9.076	70	114142	37.870	ng	98
20) 3+4-Methylphenols	9.040	107	176573	42.878	ng	99
22) Acetophenone	9.099	105	210806	41.669	ng	98
24) Nitrobenzene	9.493	77	167679	41.555	ng	99
25) Isophorone	10.010	82	312520	39.926	ng	97
26) 2-Nitrophenol	10.204	139	80272	45.427	ng	97
27) 2,4-Dimethylphenol	10.257	122	139585	50.599	ng	97
28) bis(2-Chloroethoxy)met...	10.486	93	180242	45.607	ng	98
29) 2,4-Dichlorophenol	10.744	162	140964	47.633	ng	98
30) 1,2,4-Trichlorobenzene	10.962	180	134869	44.653	ng	99
31) Naphthalene	11.156	128	450048	42.632	ng	100
32) Benzoic acid	10.409	122	106550	50.857	ng	100
33) 4-Chloroaniline	11.256	127	53542	11.864	ng	98
34) Hexachlorobutadiene	11.432	225	78164	45.293	ng	100
35) Caprolactam	12.031	113	52097	37.930	ng	98
36) 4-Chloro-3-methylphenol	12.360	107	171785	46.132	ng	99
37) 2-Methylnaphthalene	12.736	142	323438	42.495	ng	100
38) 1-Methylnaphthalene	12.954	142	310788	41.390	ng	98
40) 1,2,4,5-Tetrachloroben...	13.100	216	156144	47.401	ng	100
41) Hexachlorocyclopentadiene	13.077	237	127390	80.908	ng	97
43) 2,4,6-Trichlorophenol	13.330	196	115503	47.474	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.406	196	128520	47.759	ng		99
46) 1,1'-Biphenyl	13.723	154	432788	46.202	ng		99
47) 2-Chloronaphthalene	13.776	162	327638	44.355	ng		99
48) 2-Nitroaniline	13.970	65	120727	41.792	ng		97
49) Acenaphthylene	14.616	152	555465	43.561	ng		99
50) Dimethylphthalate	14.328	163	415597	38.756	ng		99
51) 2,6-Dinitrotoluene	14.452	165	92889	42.570	ng		99
52) Acenaphthene	14.951	154	385213m	47.393	ng		
53) 3-Nitroaniline	14.787	138	71534	26.083	ng		92
54) 2,4-Dinitrophenol	14.992	184	89736	70.729	ng		96
55) Dibenzofuran	15.280	168	523366	42.919	ng		99
56) 4-Nitrophenol	15.086	139	181907	92.735	ng		98
57) 2,4-Dinitrotoluene	15.239	165	135730	42.864	ng		95
58) Fluorene	15.927	166	432958	42.671	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.503	232	108835	45.366	ng		98
60) Diethylphthalate	15.680	149	446338	39.129	ng		99
61) 4-Chlorophenyl-phenyle...	15.909	204	206162	44.216	ng		99
62) 4-Nitroaniline	15.944	138	98205	34.075	ng		99
63) Azobenzene	16.203	77	467117	42.035	ng		99
65) 4,6-Dinitro-2-methylph...	15.997	198	62118	38.398	ng		99
66) n-Nitrosodiphenylamine	16.120	169	380285	46.428	ng		100
67) 4-Bromophenyl-phenylether	16.802	248	136605	47.780	ng		99
68) Hexachlorobenzene	16.925	284	152337	47.125	ng		99
69) Atrazine	17.060	200	140980	50.617	ng		99
70) Pentachlorophenol	17.266	266	170334	92.849	ng		99
71) Phenanthrene	17.666	178	767101	48.878	ng		98
72) Anthracene	17.754	178	700473	45.656	ng		99
73) Carbazole	18.018	167	663581	44.967	ng		100
74) Di-n-butylphthalate	18.547	149	806357	43.713	ng		99
75) Fluoranthene	19.652	202	960034	52.497	ng		98
77) Benzidine	19.822	184	160275	25.554	ng		99
78) Pyrene	20.010	202	932588	52.524	ng		98
80) Butylbenzylphthalate	20.868	149	353044	42.078	ng		97
81) Benzo(a)anthracene	21.878	228	816357	46.931	ng		99
82) 3,3'-Dichlorobenzidine	21.778	252	179876	31.750	ng		98
83) Chrysene	21.949	228	769198	46.552	ng		99
84) Bis(2-ethylhexyl)phtha...	21.749	149	519655	43.356	ng		98
85) Di-n-octyl phthalate	23.012	149	865479	43.344	ng		100
87) Indeno(1,2,3-cd)pyrene	29.223	276	951411	45.955	ng	#	92
88) Benzo(b)fluoranthene	24.217	252	877864	52.065	ng		98
89) Benzo(k)fluoranthene	24.281	252	803514	47.195	ng		100
90) Benzo(a)pyrene	25.139	252	766968	53.044	ng		99
91) Dibenzo(a,h)anthracene	29.281	278	766512	45.116	ng		99
92) Benzo(g,h,i)perylene	30.451	276	822098	48.785	ng		99

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

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