Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
Data File : BG056035.D
Acq On : 20 Dec 2022 18:28
Operator : CG/JU
Sample : N6135-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 21 02:39:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
12/21/2022
Supervised By :Jagrut Upadhyay
12/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.367	152	10836	20.000	ng		0.00
21) Naphthalene-d8	11.199	136	40685	20.000	ng	#	0.00
39) Acenaphthene-d10	14.977	164	31997	20.000	ng		0.00
64) Phenanthrene-d10	17.709	188	79588	20.000	ng	#	0.00
76) Chrysene-d12	22.022	240	82134	20.000	ng		0.00
86) Perylene-d12	25.512	264	94211	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.888	112	58334	126.249	ng		0.00
7) Phenol-d6	7.504	99	71698	120.650	ng		0.00
23) Nitrobenzene-d5	9.542	82	49718	85.398	ng		0.00
42) 2,4,6-Tribromophenol	16.452	330	88424	114.607	ng		0.00
45) 2-Fluorobiphenyl	13.602	172	158492	69.470	ng		0.00
79) Terphenyl-d14	20.283	244	276857	59.575	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.708	88	4884	36.321	ng		98
3) Pyridine	4.125	79	13977	31.585	ng		96
4) n-Nitrosodimethylamine	4.031	42	13958	35.088	ng		97
6) Aniline	7.680	93	17590	24.722	ng		99
8) 2-Chlorophenol	7.927	128	27195	45.621	ng		95
9) Benzaldehyde	7.492	77	15223	40.789	ng		96
10) Phenol	7.527	94	29113	44.762	ng		98
11) bis(2-Chloroethyl)ether	7.768	93	17707	41.796	ng		93
12) 1,3-Dichlorobenzene	8.256	146	32675	42.373	ng		94
13) 1,4-Dichlorobenzene	8.403	146	32598	41.365	ng		96
14) 1,2-Dichlorobenzene	8.726	146	32534	43.198	ng		95
15) Benzyl Alcohol	8.602	79	24302	39.356	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.884	45	24994	45.330	ng		99
17) 2-Methylphenol	8.796	107	22296	43.570	ng	#	89
18) Hexachloroethane	9.466	117	10874	45.457	ng		93
19) n-Nitroso-di-n-propyla...	9.172	70	16995	39.898	ng		92
20) 3+4-Methylphenols	9.125	107	30368	41.585	ng		98
22) Acetophenone	9.196	105	41597	41.244	ng		98
24) Nitrobenzene	9.584	77	28258	48.221	ng		97
25) Isophorone	10.106	82	48570	39.785	ng		98
26) 2-Nitrophenol	10.300	139	16952	48.866	ng		92
27) 2,4-Dimethylphenol	10.342	122	27109m	46.530	ng		
28) bis(2-Chloroethoxy)met...	10.582	93	25073	46.470	ng		98
29) 2,4-Dichlorophenol	10.835	162	35078	42.420	ng		98
30) 1,2,4-Trichlorobenzene	11.058	180	46192	42.971	ng		96
31) Naphthalene	11.252	128	89166	41.536	ng		99
32) Benzoic acid	10.471	122	19949m	40.868	ng		
33) 4-Chloroaniline	11.346	127	12924	14.043	ng		97
34) Hexachlorobutadiene	11.528	225	39745	39.328	ng		97
35) Caprolactam	12.116	113	8614m	37.388	ng		
36) 4-Chloro-3-methylphenol	12.439	107	29817	38.453	ng		92
37) 2-Methylnaphthalene	12.833	142	73587	38.799	ng		96
38) 1-Methylnaphthalene	13.044	142	68092	36.853	ng		99
40) 1,2,4,5-Tetrachloroben...	13.191	216	66787	49.472	ng		99
41) Hexachlorocyclopentadiene	13.168	237	33079	43.191	ng		99
43) 2,4,6-Trichlorophenol	13.414	196	37940	47.476	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.491	196	41143	45.672	ng		97
46) 1,1'-Biphenyl	13.814	154	102876	47.434	ng		99
47) 2-Chloronaphthalene	13.867	162	81023	45.977	ng		95
48) 2-Nitroaniline	14.055	65	18772	53.682	ng		92
49) Acenaphthylene	14.701	152	129206	45.933	ng		99
50) Dimethylphthalate	14.413	163	106929	38.654	ng		98
51) 2,6-Dinitrotoluene	14.537	165	22406	52.340	ng		90
52) Acenaphthene	15.042	154	84216	44.596	ng		97
53) 3-Nitroaniline	14.866	138	13820	31.739	ng	#	96
54) 2,4-Dinitrophenol	15.071	184	15406	48.409	ng	#	85
55) Dibenzofuran	15.371	168	132443	41.707	ng		99
56) 4-Nitrophenol	15.159	139	32707	93.735	ng		96
57) 2,4-Dinitrotoluene	15.318	165	31448	48.667	ng	#	91
58) Fluorene	16.017	166	106007	40.837	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.588	232	44600	43.337	ng		100
60) Diethylphthalate	15.765	149	99879	36.940	ng		98
61) 4-Chlorophenyl-phenyle...	16.000	204	72597	41.052	ng		97
62) 4-Nitroaniline	16.023	138	17403	36.700	ng		94
63) Azobenzene	16.293	77	65096	39.555	ng		98
65) 4,6-Dinitro-2-methylph...	16.082	198	11920	31.352	ng		93
66) n-Nitrosodiphenylamine	16.211	169	91667	43.952	ng		99
67) 4-Bromophenyl-phenylether	16.893	248	51502	44.162	ng		91
68) Hexachlorobenzene	17.016	284	61140	42.563	ng		97
69) Atrazine	17.145	200	43395	45.952	ng		99
70) Pentachlorophenol	17.357	266	83048	101.127	ng		94
71) Phenanthrene	17.756	178	250470	60.053	ng		100
72) Anthracene	17.844	178	190387	46.140	ng		97
73) Carbazole	18.109	167	146224	42.967	ng		99
74) Di-n-butylphthalate	18.644	149	152245	38.468	ng		99
75) Fluoranthene	19.748	202	454131	77.757	ng		99
77) Benzidine	19.907	184	38197	26.481	ng		97
78) Pyrene	20.107	202	459378	92.430	ng		99
80) Butylbenzylphthalate	20.970	149	61619	43.754	ng		97
81) Benzo(a)anthracene	22.004	228	456711	79.021	ng		98
82) 3,3'-Dichlorobenzidine	21.899	252	57767	27.780	ng		98
83) Chrysene	22.075	228	411083	75.891	ng		97
84) Bis(2-ethylhexyl)phtha...	21.869	149	90681	43.340	ng		98
85) Di-n-octyl phthalate	23.174	149	153484	43.245	ng	#	98
87) Indeno(1,2,3-cd)pyrene	29.548	276	348218	45.964	ng		95
88) Benzo(b)fluoranthene	24.407	252	570601	93.584	ng		98
89) Benzo(k)fluoranthene	24.478	252	396260m	65.139	ng		
90) Benzo(a)pyrene	25.359	252	450460	87.402	ng		99
91) Dibenzo(a,h)anthracene	29.619	278	211751	33.394	ng		98
92) Benzo(g,h,i)perylene	30.806	276	261459	42.647	ng		97

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

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