Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
Data File : BG054872.D
Acq On : 7 Sep 2022 17:09
Operator : CG/JU
Sample : N4512-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 08 04:45:09 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 :
VNJ-214MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
09/08/2022
Supervised By :Jagrut Upadhyay
09/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.147	152	36151	20.000	ng		0.00
21) Naphthalene-d8	10.973	136	148990	20.000	ng		0.00
39) Acenaphthene-d10	14.787	164	108217	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	263146	20.000	ng		0.00
76) Chrysene-d12	21.831	240	243958	20.000	ng		0.00
86) Perylene-d12	25.215	264	265641	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	239462	115.347	ng		0.00
7) Phenol-d6	7.307	99	322501	113.591	ng		0.01
23) Nitrobenzene-d5	9.322	82	191251	67.387	ng		0.00
42) 2,4,6-Tribromophenol	16.273	330	169014	124.988	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	501307	69.626	ng		0.00
79) Terphenyl-d14	20.127	244	907006	73.666	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	36515	36.835	ng		96
3) Pyridine	3.929	79	96019	34.726	ng		97
4) n-Nitrosodimethylamine	3.846	42	46449	38.861	ng		94
6) Aniline	7.466	93	96338	28.559	ng		98
8) 2-Chlorophenol	7.712	128	117983	52.017	ng		97
9) Benzaldehyde	7.278	77	59140m	31.782	ng		
10) Phenol	7.331	94	148109	50.727	ng		99
11) bis(2-Chloroethyl)ether	7.554	93	105417	44.892	ng		95
12) 1,3-Dichlorobenzene	8.036	146	124661	47.493	ng		98
13) 1,4-Dichlorobenzene	8.183	146	125687	47.472	ng		98
14) 1,2-Dichlorobenzene	8.506	146	123179	49.066	ng		98
15) Benzyl Alcohol	8.388	79	100489m	48.993	ng		
16) 2,2'-oxybis(1-Chloropr...	8.670	45	147432	40.125	ng		97
17) 2-Methylphenol	8.594	107	103096	51.285	ng		98
18) Hexachloroethane	9.240	117	44829	46.694	ng		95
19) n-Nitroso-di-n-propyla...	8.952	70	85792	43.942	ng	#	94
20) 3+4-Methylphenols	8.923	107	141832	50.880	ng		96
22) Acetophenone	8.976	105	171542	46.021	ng	#	96
24) Nitrobenzene	9.369	77	124716	43.598	ng		95
25) Isophorone	9.886	82	247336	46.739	ng		99
26) 2-Nitrophenol	10.080	139	66416	52.561	ng		98
27) 2,4-Dimethylphenol	10.133	122	115964	57.922	ng		96
28) bis(2-Chloroethoxy)met...	10.362	93	149665	49.633	ng		99
29) 2,4-Dichlorophenol	10.621	162	121685	53.436	ng		97
30) 1,2,4-Trichlorobenzene	10.832	180	122848	47.207	ng		97
31) Naphthalene	11.026	128	368113	46.051	ng		99
32) Benzoic acid	10.309	122	30819m	25.860	ng		
33) 4-Chloroaniline	11.138	127	57225	17.560	ng		96
34) Hexachlorobutadiene	11.297	225	80035	48.002	ng		99
35) Caprolactam	11.913	113	44145m	54.948	ng		
36) 4-Chloro-3-methylphenol	12.254	107	134534	54.025	ng		98
37) 2-Methylnaphthalene	12.624	142	267992	47.833	ng		99
38) 1-Methylnaphthalene	12.842	142	258964	47.508	ng		98
40) 1,2,4,5-Tetrachloroben...	12.983	216	157629	48.321	ng		98
41) Hexachlorocyclopentadiene	12.959	237	119449	69.045	ng		99
43) 2,4,6-Trichlorophenol	13.224	196	103252	47.686	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.300	196	117176	48.188	ng		98
46) 1,1'-Biphenyl	13.617	154	372161	46.310	ng		99
47) 2-Chloronaphthalene	13.670	162	279470	45.791	ng		99
48) 2-Nitroaniline	13.870	65	88305	46.167	ng		94
49) Acenaphthylene	14.510	152	483331	47.991	ng		99
50) Dimethylphthalate	14.228	163	381424	45.750	ng		99
51) 2,6-Dinitrotoluene	14.358	165	85904	50.376	ng		85
52) Acenaphthene	14.851	154	332324m	51.369	ng		
53) 3-Nitroaniline	14.693	138	57083	29.903	ng		92
54) 2,4-Dinitrophenol	14.904	184	85390	87.997	ng		98
55) Dibenzofuran	15.180	168	457609	48.138	ng		99
56) 4-Nitrophenol	15.004	139	142262	96.300	ng		94
57) 2,4-Dinitrotoluene	15.145	165	123626	52.413	ng	#	85
58) Fluorene	15.832	166	393328	49.115	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.409	232	101258	46.194	ng		99
60) Diethylphthalate	15.586	149	389035	46.730	ng		97
61) 4-Chlorophenyl-phenyle...	15.815	204	198489	50.242	ng		97
62) 4-Nitroaniline	15.856	138	90871	46.624	ng		96
63) Azobenzene	16.109	77	347242	43.889	ng		95
65) 4,6-Dinitro-2-methylph...	15.909	198	66360	49.542	ng		95
66) n-Nitrosodiphenylamine	16.032	169	349967	46.117	ng		99
67) 4-Bromophenyl-phenylether	16.714	248	142717	49.398	ng		96
68) Hexachlorobenzene	16.831	284	162263	49.960	ng		96
69) Atrazine	16.978	200	138244	51.637	ng		99
70) Pentachlorophenol	17.184	266	136859	77.555	ng		97
71) Phenanthrene	17.577	178	762561	54.399	ng		99
72) Anthracene	17.666	178	660018	48.428	ng		100
73) Carbazole	17.936	167	602195	47.958	ng		100
74) Di-n-butylphthalate	18.476	149	708233	44.573	ng		99
75) Fluoranthene	19.581	202	1021004	59.873	ng		98
77) Benzidine	19.757	184	313104	51.817	ng		100
78) Pyrene	19.945	202	1003283	58.978	ng		98
80) Butylbenzylphthalate	20.815	149	309518	43.621	ng		93
81) Benzo(a)anthracene	21.814	228	862606	52.149	ng		98
82) 3,3'-Dichlorobenzidine	21.720	252	123982	21.378	ng		98
83) Chrysene	21.878	228	829201	52.429	ng		99
84) Bis(2-ethylhexyl)phtha...	21.684	149	490106	47.942	ng		98
85) Di-n-octyl phthalate	22.948	149	763347	44.031	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.123	276	999089	49.542	ng	#	94
88) Benzo(b)fluoranthene	24.134	252	949343	56.970	ng		98
89) Benzo(k)fluoranthene	24.205	252	837513	49.939	ng		98
90) Benzo(a)pyrene	25.057	252	813431	57.135	ng		99
91) Dibenzo(a,h)anthracene	29.187	278	792377	48.229	ng		98
92) Benzo(g,h,i)perylene	30.345	276	870463	52.445	ng		97

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

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