Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058891.D
Acq On : 29 Aug 2023 17:26
Operator : MA/JU
Sample : 04165-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 29 19:19:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 14:27:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.784	152	17481	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	80276	20.000	ng	#	0.00
39) Acenaphthene-d10	14.441	164	57685	20.000	ng		0.00
64) Phenanthrene-d10	17.185	188	128682	20.000	ng		0.00
76) Chrysene-d12	21.427	240	102593	20.000	ng		0.00
86) Perylene-d12	24.482	264	131687	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	126503	116.456	ng		0.00
7) Phenol-d6	6.967	99	179423	117.727	ng		0.00
23) Nitrobenzene-d5	8.953	82	111201	66.599	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	102179	112.969	ng		0.00
45) 2-Fluorobiphenyl	13.060	172	254741	64.230	ng		0.00
79) Terphenyl-d14	19.805	244	395281	69.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.236	88	16852	32.997	ng		95
3) Pyridine	3.630	79	43867	32.504	ng		92
4) n-Nitrosodimethylamine	3.554	42	33377	45.491	ng		91
6) Aniline	7.114	93	55572	29.829	ng		96
8) 2-Chlorophenol	7.355	128	62621	57.014	ng		96
9) Benzaldehyde	6.926	77	24285m	28.407	ng		
10) Phenol	6.991	94	80827	54.999	ng		97
11) bis(2-Chloroethyl)ether	7.208	93	53893	46.997	ng		97
12) 1,3-Dichlorobenzene	7.672	146	61287	52.532	ng		96
13) 1,4-Dichlorobenzene	7.819	146	62895	53.312	ng		97
14) 1,2-Dichlorobenzene	8.136	146	61412	53.858	ng		98
15) Benzyl Alcohol	8.031	79	61897	56.804	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	128802m	52.705	ng		
17) 2-Methylphenol	8.242	107	56500	52.344	ng		97
18) Hexachloroethane	8.859	117	23857	55.502	ng		98
19) n-Nitroso-di-n-propyla...	8.595	70	47318	48.030	ng		95
20) 3+4-Methylphenols	8.571	107	77214	53.208	ng		96
22) Acetophenone	8.612	105	97740	44.978	ng	#	99
24) Nitrobenzene	8.994	77	73703	44.381	ng	#	97
25) Isophorone	9.511	82	142599	42.945	ng		99
26) 2-Nitrophenol	9.705	139	35558	51.196	ng	#	94
27) 2,4-Dimethylphenol	9.770	122	59774	50.780	ng		100
28) bis(2-Chloroethoxy)met...	9.999	93	78735	44.765	ng		98
29) 2,4-Dichlorophenol	10.246	162	67407	55.728	ng		95
30) 1,2,4-Trichlorobenzene	10.451	180	72223	49.446	ng		96
31) Naphthalene	10.639	128	198180	47.018	ng		97
32) Benzoic acid	9.952	122	46062	61.958	ng		97
33) 4-Chloroaniline	10.757	127	40744	22.920	ng		99
34) Hexachlorobutadiene	10.916	225	50378	51.103	ng		96
35) Caprolactam	11.550	113	20923m	48.273	ng		
36) 4-Chloro-3-methylphenol	11.897	107	78943	52.481	ng		99
37) 2-Methylnaphthalene	12.255	142	143787	47.496	ng		98
38) 1-Methylnaphthalene	12.473	142	137443	47.828	ng		97
40) 1,2,4,5-Tetrachloroben...	12.625	216	91001	51.171	ng		99
41) Hexachlorocyclopentadiene	12.596	237	39568	59.138	ng		98
43) 2,4,6-Trichlorophenol	12.872	196	63859	56.434	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	66392	48.996	ng		98
46) 1,1'-Biphenyl	13.272	154	190658	47.979	ng		96
47) 2-Chloronaphthalene	13.313	162	154425	49.866	ng		97
48) 2-Nitroaniline	13.524	65	55418	47.119	ng		98
49) Acenaphthylene	14.159	152	250593	48.796	ng		98
50) Dimethylphthalate	13.900	163	197653	44.253	ng		99
51) 2,6-Dinitrotoluene	14.024	165	44579	47.509	ng		91
52) Acenaphthene	14.505	154	140248	46.733	ng		97
53) 3-Nitroaniline	14.359	138	33092	36.565	ng		89
54) 2,4-Dinitrophenol	14.576	184	32861	64.151	ng		92
55) Dibenzofuran	14.840	168	244043	47.141	ng		99
56) 4-Nitrophenol	14.682	139	62781	95.005	ng		93
57) 2,4-Dinitrotoluene	14.817	165	62025	47.392	ng		99
58) Fluorene	15.487	166	193354	46.932	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	61215	55.360	ng		95
60) Diethylphthalate	15.263	149	208115	45.193	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	108565	47.542	ng		98
62) 4-Nitroaniline	15.522	138	38468	41.884	ng		88
63) Azobenzene	15.775	77	187674	44.384	ng		98
65) 4,6-Dinitro-2-methylph...	15.587	198	28248	38.836	ng		98
66) n-Nitrosodiphenylamine	15.698	169	166432	50.181	ng		97
67) 4-Bromophenyl-phenylether	16.374	248	71778	50.831	ng		96
68) Hexachlorobenzene	16.497	284	82385	54.208	ng		94
69) Atrazine	16.650	200	68434	58.304	ng		96
70) Pentachlorophenol	16.844	266	83084	104.256	ng		98
71) Phenanthrene	17.232	178	317942	51.466	ng		99
72) Anthracene	17.320	178	308830	49.844	ng		99
73) Carbazole	17.596	167	280344	49.410	ng		98
74) Di-n-butylphthalate	18.142	149	340165	47.526	ng		98
75) Fluoranthene	19.247	202	385225	50.284	ng		98
77) Benzidine	19.435	184	125858	68.451	ng		98
78) Pyrene	19.611	202	386111	54.014	ng		97
80) Butylbenzylphthalate	20.493	149	149030	51.405	ng		99
81) Benzo(a)anthracene	21.409	228	358758	50.236	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	99110	40.198	ng		100
83) Chrysene	21.474	228	337265	48.996	ng		99
84) Bis(2-ethylhexyl)phtha...	21.309	149	212188	49.902	ng		100
85) Di-n-octyl phthalate	22.455	149	369347	50.502	ng		99
87) Indeno(1,2,3-cd)pyrene	27.972	276	421066	47.260	ng	#	94
88) Benzo(b)fluoranthene	23.518	252	381285	52.183	ng		98
89) Benzo(k)fluoranthene	23.583	252	350586	46.525	ng		97
90) Benzo(a)pyrene	24.341	252	338513	47.052	ng		98
91) Dibenzo(a,h)anthracene	28.019	278	351575	48.022	ng		99
92) Benzo(g,h,i)perylene	29.059	276	322099	44.004	ng		97

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

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