Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058885.D
Acq On : 29 Aug 2023 13:00
Operator : MA/JU
Sample : PB155010BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 19:04:19 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

Instrument :
BNA_G
ClientSampleId :
PB155010BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	15976	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	74072	20.000	ng	# 0.00
39) Acenaphthene-d10	14.441	164	55321	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	132151	20.000	ng	0.00
76) Chrysene-d12	21.426	240	111400	20.000	ng	0.00
86) Perylene-d12	24.470	264	133776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	154797	155.927	ng	0.00
7) Phenol-d6	6.967	99	216981	155.782	ng	0.00
23) Nitrobenzene-d5	8.953	82	131540	85.378	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	122714	141.470	ng	0.00
45) 2-Fluorobiphenyl	13.060	172	324223	85.242	ng	0.00
79) Terphenyl-d14	19.805	244	602161	97.059	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.236	88	14649	31.386	ng	96
3) Pyridine	3.636	79	39103	31.704	ng	90
4) n-Nitrosodimethylamine	3.553	42	31093	46.370	ng	89
6) Aniline	7.114	93	66079	38.809	ng	95
8) 2-Chlorophenol	7.355	128	57082	56.867	ng	95
9) Benzaldehyde	6.926	77	21690m	27.762	ng	
10) Phenol	6.990	94	78270	58.276	ng	99
11) bis(2-Chloroethyl)ether	7.208	93	51163	48.820	ng	94
12) 1,3-Dichlorobenzene	7.672	146	53204	49.900	ng	97
13) 1,4-Dichlorobenzene	7.825	146	54970	50.984	ng	97
14) 1,2-Dichlorobenzene	8.142	146	55046	52.823	ng	99
15) Benzyl Alcohol	8.030	79	56696	56.932	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.312	45	119907m	53.687	ng	
17) 2-Methylphenol	8.242	107	53807	54.545	ng	95
18) Hexachloroethane	8.865	117	20119	51.215	ng	98
19) n-Nitroso-di-n-propyla...	8.594	70	44977	49.955	ng	91
20) 3+4-Methylphenols	8.571	107	70827	53.404	ng	95
22) Acetophenone	8.612	105	90872	45.320	ng	98
24) Nitrobenzene	9.000	77	66982	43.712	ng	97
25) Isophorone	9.517	82	134205	43.802	ng	99
26) 2-Nitrophenol	9.705	139	31530	49.199	ng	97
27) 2,4-Dimethylphenol	9.770	122	53999	49.717	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	73328	45.183	ng	98
29) 2,4-Dichlorophenol	10.245	162	59735	53.521	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	62771	46.574	ng	95
31) Naphthalene	10.639	128	174886	44.967	ng	99
32) Benzoic acid	9.952	122	37019	54.705	ng	98
33) 4-Chloroaniline	10.757	127	40956	24.969	ng	95
34) Hexachlorobutadiene	10.921	225	43094	47.376	ng	98
35) Caprolactam	11.544	113	20149m	50.381	ng	
36) 4-Chloro-3-methylphenol	11.891	107	71648	51.621	ng	98
37) 2-Methylnaphthalene	12.255	142	125376	44.884	ng	100
38) 1-Methylnaphthalene	12.478	142	123232	46.475	ng	96
40) 1,2,4,5-Tetrachloroben...	12.625	216	75360	44.187	ng	99
41) Hexachlorocyclopentadiene	12.601	237	65483	95.665	ng	100
43) 2,4,6-Trichlorophenol	12.872	196	55771	51.393	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.948	196	59312	45.642	ng		97
46) 1,1'-Biphenyl	13.271	154	171743	45.066	ng		96
47) 2-Chloronaphthalene	13.312	162	137833	46.410	ng		99
48) 2-Nitroaniline	13.530	65	50869	45.099	ng		94
49) Acenaphthylene	14.164	152	225605	45.807	ng		100
50) Dimethylphthalate	13.900	163	192442	44.928	ng		100
51) 2,6-Dinitrotoluene	14.023	165	42720	47.473	ng		93
52) Acenaphthene	14.505	154	129557	45.015	ng		97
53) 3-Nitroaniline	14.352	138	27647	31.854	ng		91
54) 2,4-Dinitrophenol	14.576	184	47806	93.756	ng		93
55) Dibenzofuran	14.840	168	221887	44.693	ng		99
56) 4-Nitrophenol	14.681	139	61831	97.446	ng		94
57) 2,4-Dinitrotoluene	14.817	165	60703	48.364	ng	#	97
58) Fluorene	15.492	166	178512	45.181	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.069	232	56301	53.092	ng		95
60) Diethylphthalate	15.263	149	198677	44.987	ng		96
61) 4-Chlorophenyl-phenyle...	15.480	204	100176	45.743	ng		99
62) 4-Nitroaniline	15.527	138	39764	45.146	ng		89
63) Azobenzene	15.774	77	174913	43.133	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	36265	48.549	ng		97
66) n-Nitrosodiphenylamine	15.698	169	158753	46.609	ng		98
67) 4-Bromophenyl-phenylether	16.374	248	68052	46.927	ng		99
68) Hexachlorobenzene	16.491	284	78427	50.250	ng		97
69) Atrazine	16.650	200	67377	55.896	ng		95
70) Pentachlorophenol	16.844	266	74123	90.570	ng		96
71) Phenanthrene	17.225	178	292746	46.144	ng		99
72) Anthracene	17.319	178	293758	46.167	ng		99
73) Carbazole	17.590	167	274939	47.186	ng		99
74) Di-n-butylphthalate	18.142	149	341103	46.406	ng		99
75) Fluoranthene	19.241	202	359919	45.748	ng		98
77) Benzidine	19.429	184	109436	54.814	ng		98
78) Pyrene	19.605	202	363763	46.865	ng		98
80) Butylbenzylphthalate	20.492	149	150870	47.925	ng		99
81) Benzo(a)anthracene	21.403	228	373120	48.117	ng		97
82) 3,3'-Dichlorobenzidine	21.327	252	104687	39.103	ng		97
83) Chrysene	21.468	228	345004	46.158	ng		99
84) Bis(2-ethylhexyl)phtha...	21.309	149	219856	47.618	ng		99
85) Di-n-octyl phthalate	22.449	149	385622	48.559	ng		100
87) Indeno(1,2,3-cd)pyrene	27.954	276	458339	50.640	ng	#	94
88) Benzo(b)fluoranthene	23.506	252	393672	53.037	ng		98
89) Benzo(k)fluoranthene	23.571	252	375928m	49.109	ng		
90) Benzo(a)pyrene	24.335	252	348208	47.644	ng		96
91) Dibenzo(a,h)anthracene	28.001	278	382198	51.390	ng		98
92) Benzo(g,h,i)perylene	29.047	276	375078	50.442	ng		97

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

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