Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
Data File : BG060004.D
Acq On : 13 Dec 2023 20:05
Operator : MA/JU
Sample : PB157131BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 14 03:02:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB157131BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.956	152	60445	20.000	ng		0.00
21) Naphthalene-d8	10.764	136	225310	20.000	ng		0.00
39) Acenaphthene-d10	14.595	164	188063	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	615777	20.000	ng		0.00
76) Chrysene-d12	21.616	240	778293	20.000	ng	#	0.00
86) Perylene-d12	24.801	264	826973	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.524	112	492764	139.555	ng		0.00
7) Phenol-d6	7.116	99	714365	143.826	ng		0.00
23) Nitrobenzene-d5	9.119	82	415944	83.828	ng		0.00
42) 2,4,6-Tribromophenol	16.082	330	604913	138.022	ng		0.00
45) 2-Fluorobiphenyl	13.220	172	1264309	82.280	ng		0.00
79) Terphenyl-d14	19.965	244	3589514	84.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	44311	26.520	ng		91
3) Pyridine	3.820	79	117931	25.203	ng		92
4) n-Nitrosodimethylamine	3.737	42	76415	33.200	ng		96
6) Aniline	7.280	93	180798	35.738	ng		95
8) 2-Chlorophenol	7.515	128	150841	45.081	ng		99
9) Benzaldehyde	7.092	77	18564m	6.147	ng		
10) Phenol	7.139	94	267954	53.703	ng		95
11) bis(2-Chloroethyl)ether	7.374	93	162142	45.392	ng		99
12) 1,3-Dichlorobenzene	7.844	146	173400	38.753	ng		93
13) 1,4-Dichlorobenzene	7.991	146	173328m	37.226	ng		
14) 1,2-Dichlorobenzene	8.309	146	176034	39.297	ng		96
15) Benzyl Alcohol	8.185	79	181050	45.354	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.485	45	266345	41.669	ng		99
17) 2-Methylphenol	8.391	107	145130	43.628	ng		94
18) Hexachloroethane	9.037	117	54872	38.904	ng		96
19) n-Nitroso-di-n-propyla...	8.761	70	139108	43.410	ng		96
20) 3+4-Methylphenols	8.720	107	194501	41.860	ng		95
22) Acetophenone	8.779	105	276742	42.149	ng	#	96
24) Nitrobenzene	9.160	77	206334	40.960	ng		96
25) Isophorone	9.683	82	379920	40.006	ng	#	97
26) 2-Nitrophenol	9.866	139	86793	46.848	ng		93
27) 2,4-Dimethylphenol	9.924	122	132349	52.117	ng		97
28) bis(2-Chloroethoxy)met...	10.165	93	195823	39.938	ng		99
29) 2,4-Dichlorophenol	10.400	162	205487	45.053	ng		93
30) 1,2,4-Trichlorobenzene	10.623	180	255841	41.440	ng		96
31) Naphthalene	10.811	128	483759	41.244	ng		97
32) Benzoic acid	10.048	122	115131	49.841	ng		97
33) 4-Chloroaniline	10.917	127	101786	22.807	ng		97
34) Hexachlorobutadiene	11.099	225	217321	38.460	ng		91
35) Caprolactam	11.687	113	55652m	48.032	ng		
36) 4-Chloro-3-methylphenol	12.034	107	188166	45.362	ng		96
37) 2-Methylnaphthalene	12.415	142	369913	40.211	ng		97
38) 1-Methylnaphthalene	12.639	142	366710	40.355	ng		96
40) 1,2,4,5-Tetrachloroben...	12.786	216	431526	44.014	ng		98
41) Hexachlorocyclopentadiene	12.768	237	441646	109.026	ng		91
43) 2,4,6-Trichlorophenol	13.021	196	252360	45.907	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.091	196	273382	45.721	ng		97
46) 1,1'-Biphenyl	13.426	154	592876	42.509	ng		99
47) 2-Chloronaphthalene	13.467	162	500595	41.445	ng		98
48) 2-Nitroaniline	13.667	65	134860	51.723	ng		90
49) Acenaphthylene	14.313	152	765143	46.310	ng		100
50) Dimethylphthalate	14.049	163	661637	45.325	ng		98
51) 2,6-Dinitrotoluene	14.166	165	134341	44.426	ng		99
52) Acenaphthene	14.660	154	561429m	49.364	ng		
53) 3-Nitroaniline	14.495	138	76488	31.655	ng		90
54) 2,4-Dinitrophenol	14.695	184	245011	109.974	ng	#	90
55) Dibenzofuran	14.995	168	822896	44.454	ng		99
56) 4-Nitrophenol	14.795	139	209891	103.353	ng		88
57) 2,4-Dinitrotoluene	14.948	165	197526	46.468	ng		91
58) Fluorene	15.641	166	688739	44.123	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.212	232	313839	50.423	ng		96
60) Diethylphthalate	15.418	149	618517	46.050	ng		99
61) 4-Chlorophenyl-phenyle...	15.635	204	494925	44.025	ng		100
62) 4-Nitroaniline	15.659	138	124393	47.276	ng	#	84
63) Azobenzene	15.929	77	587161	44.339	ng		97
65) 4,6-Dinitro-2-methylph...	15.712	198	170582	44.182	ng		92
66) n-Nitrosodiphenylamine	15.847	169	648572	43.114	ng		98
67) 4-Bromophenyl-phenylether	16.528	248	350703	40.366	ng		97
68) Hexachlorobenzene	16.646	284	415234	40.883	ng		98
70) Pentachlorophenol	16.987	266	595639	90.526	ng		91
71) Phenanthrene	17.386	178	1311302	43.964	ng		99
72) Anthracene	17.474	178	1341868	44.745	ng		98
73) Carbazole	17.744	167	1107481	43.458	ng		99
74) Di-n-butylphthalate	18.309	149	1062086	45.686	ng		100
75) Fluoranthene	19.395	202	1921828	44.155	ng		97
77) Benzidine	19.578	184	341531	34.164	ng		98
78) Pyrene	19.760	202	1989112	42.161	ng		99
80) Butylbenzylphthalate	20.659	149	403333	47.601	ng		98
81) Benzo(a)anthracene	21.593	228	2313331	44.249	ng		99
82) 3,3'-Dichlorobenzidine	21.511	252	664449	38.624	ng		98
83) Chrysene	21.658	228	2130589	43.016	ng		99
84) Bis(2-ethylhexyl)phtha...	21.511	149	597150	46.496	ng		99
85) Di-n-octyl phthalate	22.715	149	1054107	47.449	ng		100
87) Indeno(1,2,3-cd)pyrene	28.438	276	2790578	47.283	ng	#	94
88) Benzo(b)fluoranthene	23.790	252	2338032	45.778	ng		100
89) Benzo(k)fluoranthene	23.861	252	2344388	47.323	ng		99
90) Benzo(a)pyrene	24.654	252	2097664	46.358	ng		100
91) Dibenzo(a,h)anthracene	28.508	278	2413380	48.901	ng	#	96
92) Benzo(g,h,i)perylene	29.578	276	2234450	45.517	ng		98

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

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