Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060243.D
Acq On : 4 Jan 2024 13:37
Operator : MA/JU
Sample : PB158174BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 04 14:26:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158174BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	182343	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	771839	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	633409	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1570244	20.000	ng		0.00
76) Chrysene-d12	21.596	240	1408424	20.000	ng		0.00
86) Perylene-d12	24.769	264	1510808	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.515	112	1573660	130.259	ng		0.00
7) Phenol-d6	7.107	99	2362981	131.734	ng		0.00
23) Nitrobenzene-d5	9.105	82	1347457	80.637	ng		0.00
42) 2,4,6-Tribromophenol	16.067	330	1120127	132.109	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	3347643	75.959	ng		0.00
79) Terphenyl-d14	19.945	244	4993561	68.162	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	156298	29.079	ng		97
3) Pyridine	3.805	79	399839	26.230	ng		97
4) n-Nitrosodimethylamine	3.723	42	194382	34.182	ng		94
6) Aniline	7.266	93	526608	29.302	ng		97
8) 2-Chlorophenol	7.506	128	529398	45.596	ng		97
9) Benzaldehyde	7.078	77	384955m	35.695	ng		
10) Phenol	7.130	94	845532	46.744	ng		99
11) bis(2-Chloroethyl)ether	7.360	93	569001	38.873	ng		97
12) 1,3-Dichlorobenzene	7.830	146	517415	36.100	ng		99
13) 1,4-Dichlorobenzene	7.976	146	536115	36.999	ng		96
14) 1,2-Dichlorobenzene	8.294	146	542679	38.309	ng		97
15) Benzyl Alcohol	8.176	79	527231	47.354	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.464	45	727185	38.710	ng		97
17) 2-Methylphenol	8.382	107	540342	47.707	ng		99
18) Hexachloroethane	9.016	117	176906	38.765	ng		89
19) n-Nitroso-di-n-propyla...	8.740	70	507645	41.427	ng		98
20) 3+4-Methylphenols	8.711	107	753648	46.948	ng		98
22) Acetophenone	8.758	105	931018	40.712	ng	#	97
24) Nitrobenzene	9.146	77	687338	40.203	ng		99
25) Isophorone	9.663	82	1381770	39.523	ng		100
26) 2-Nitrophenol	9.851	139	290411	48.678	ng		98
27) 2,4-Dimethylphenol	9.915	122	478499	56.622	ng		95
28) bis(2-Chloroethoxy)met...	10.150	93	854837	41.747	ng		96
29) 2,4-Dichlorophenol	10.391	162	645345	48.319	ng		96
30) 1,2,4-Trichlorobenzene	10.603	180	624030	38.388	ng		99
31) Naphthalene	10.791	128	1636723	40.167	ng		98
32) Benzoic acid	10.051	122	368014	48.573	ng		94
33) 4-Chloroaniline	10.903	127	379967	23.877	ng		96
34) Hexachlorobutadiene	11.079	225	359425	37.176	ng		93
35) Caprolactam	11.666	113	219494m	49.405	ng		
36) 4-Chloro-3-methylphenol	12.025	107	672997	48.963	ng		98
37) 2-Methylnaphthalene	12.401	142	1230200	41.797	ng		98
38) 1-Methylnaphthalene	12.618	142	1218836	40.959	ng		96
40) 1,2,4,5-Tetrachloroben...	12.765	216	782359	38.560	ng		98
41) Hexachlorocyclopentadiene	12.747	237	749795	114.332	ng		98
43) 2,4,6-Trichlorophenol	13.006	196	584355	43.828	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	665513	44.620	ng		98
46) 1,1'-Biphenyl	13.411	154	1875038	40.235	ng		100
47) 2-Chloronaphthalene	13.452	162	1550360	39.048	ng		99
48) 2-Nitroaniline	13.658	65	506943	48.857	ng		99
49) Acenaphthylene	14.299	152	2545376	44.494	ng		99
50) Dimethylphthalate	14.028	163	2061094	42.146	ng		99
51) 2,6-Dinitrotoluene	14.152	165	460506	45.272	ng		96
52) Acenaphthene	14.639	154	1421503	39.820	ng		100
53) 3-Nitroaniline	14.481	138	310755	32.422	ng		96
54) 2,4-Dinitrophenol	14.686	184	575059	95.323	ng		98
55) Dibenzofuran	14.974	168	2503911	41.873	ng		99
56) 4-Nitrophenol	14.792	139	795198	109.760	ng		98
57) 2,4-Dinitrotoluene	14.939	165	656870	47.491	ng	#	98
58) Fluorene	15.626	166	2046434	41.727	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	596968	45.919	ng		97
60) Diethylphthalate	15.397	149	1996341	42.806	ng		100
61) 4-Chlorophenyl-phenyle...	15.615	204	1027219	40.224	ng		98
62) 4-Nitroaniline	15.650	138	464028	45.935	ng		99
63) Azobenzene	15.908	77	2025152	41.885	ng		99
65) 4,6-Dinitro-2-methylph...	15.703	198	382078	48.629	ng		99
66) n-Nitrosodiphenylamine	15.832	169	1839892	43.483	ng		99
67) 4-Bromophenyl-phenylether	16.514	248	667749	40.110	ng		95
68) Hexachlorobenzene	16.631	284	777426	39.829	ng		93
69) Atrazine	16.778	200	546876	35.165	ng		99
70) Pentachlorophenol	16.978	266	1002624	93.504	ng		99
71) Phenanthrene	17.371	178	3367589	43.388	ng		99
72) Anthracene	17.459	178	3376855	43.801	ng		98
73) Carbazole	17.730	167	3198185	43.737	ng		99
74) Di-n-butylphthalate	18.288	149	3264059	46.062	ng		99
75) Fluoranthene	19.381	202	3793042	41.663	ng		98
77) Benzidine	19.569	184	1158369	29.717	ng		98
78) Pyrene	19.745	202	3928944	41.499	ng		98
80) Butylbenzylphthalate	20.632	149	1500011	53.732	ng		96
81) Benzo(a)anthracene	21.572	228	3899410	43.545	ng		99
82) 3,3'-Dichlorobenzidine	21.496	252	1296952	39.828	ng		99
83) Chrysene	21.643	228	3692188	42.440	ng		97
84) Bis(2-ethylhexyl)phtha...	21.478	149	2223087	52.512	ng		100
85) Di-n-octyl phthalate	22.677	149	3794303	54.753	ng		99
87) Indeno(1,2,3-cd)pyrene	28.394	276	4859463	45.622	ng		100
88) Benzo(b)fluoranthene	23.764	252	4067257	44.798	ng		99
89) Benzo(k)fluoranthene	23.829	252	4025264	44.050	ng		99
90) Benzo(a)pyrene	24.622	252	3665626	44.626	ng		100
91) Dibenzo(a,h)anthracene	28.458	278	4039749	46.159	ng		99
92) Benzo(g,h,i)perylene	29.528	276	3873676	43.697	ng		98

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

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