Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060927.D
Acq On : 17 Apr 2024 20:12
Operator : MA/JU
Sample : PB160330BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 18 02:18:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160330BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	44952	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	181843	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	151951	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	388704	20.000	ng	0.00
76) Chrysene-d12	21.577	240	376449	20.000	ng	0.00
86) Perylene-d12	24.697	264	440077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	366391	141.576	ng	0.00
7) Phenol-d6	7.112	99	528733	141.822	ng	0.00
23) Nitrobenzene-d5	9.098	82	341499	85.256	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	321252	127.974	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	870698	84.087	ng	0.00
79) Terphenyl-d14	19.938	244	1813449	84.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	40827	39.025	ng	99
3) Pyridine	3.834	79	107760	32.375	ng	98
4) n-Nitrosodimethylamine	3.745	42	89057	41.929	ng	95
6) Aniline	7.265	93	123991	27.297	ng	97
8) 2-Chlorophenol	7.506	128	152578	51.824	ng	97
9) Benzaldehyde	7.077	77	8702	4.346	ng	85
10) Phenol	7.136	94	197776	52.933	ng	97
11) bis(2-Chloroethyl)ether	7.365	93	130576	45.055	ng	96
12) 1,3-Dichlorobenzene	7.829	146	146104	46.706	ng	98
13) 1,4-Dichlorobenzene	7.976	146	153335	47.880	ng	97
14) 1,2-Dichlorobenzene	8.293	146	149042	47.860	ng	98
15) Benzyl Alcohol	8.176	79	146134	45.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	322282	46.014	ng	98
17) 2-Methylphenol	8.381	107	133293	45.150	ng	99
18) Hexachloroethane	9.022	117	54686	48.090	ng	96
19) n-Nitroso-di-n-propyla...	8.745	70	122545	43.154	ng	98
20) 3+4-Methylphenols	8.710	107	187647	45.816	ng	97
22) Acetophenone	8.757	105	232861	44.967	ng	99
24) Nitrobenzene	9.139	77	176943	45.011	ng	99
25) Isophorone	9.662	82	320185	43.316	ng	99
26) 2-Nitrophenol	9.850	139	79246	47.985	ng	97
27) 2,4-Dimethylphenol	9.909	122	111985	38.486	ng	95
28) bis(2-Chloroethoxy)met...	10.144	93	188577	45.370	ng	99
29) 2,4-Dichlorophenol	10.385	162	154403	48.908	ng	99
30) 1,2,4-Trichlorobenzene	10.602	180	155573	45.972	ng	99
31) Naphthalene	10.790	128	439870	44.727	ng	99
32) Benzoic acid	10.050	122	113317m	48.111	ng	
33) 4-Chloroaniline	10.890	127	80525	17.471	ng	95
34) Hexachlorobutadiene	11.078	225	109993	45.722	ng	97
35) Caprolactam	11.660	113	53329m	45.784	ng	
36) 4-Chloro-3-methylphenol	12.018	107	182296	47.776	ng	95
37) 2-Methylnaphthalene	12.394	142	326066	43.827	ng	99
38) 1-Methylnaphthalene	12.612	142	304637	43.373	ng	99
40) 1,2,4,5-Tetrachloroben...	12.764	216	214442	45.734	ng	99
41) Hexachlorocyclopentadiene	12.747	237	256619	107.032	ng	99
43) 2,4,6-Trichlorophenol	12.999	196	153117	46.960	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	172761	43.935	ng	99
46) 1,1'-Biphenyl	13.405	154	465749	45.079	ng	99
47) 2-Chloronaphthalene	13.446	162	368660	46.621	ng	98
48) 2-Nitroaniline	13.646	65	147093	45.330	ng	99
49) Acenaphthylene	14.292	152	634408	47.445	ng	99
50) Dimethylphthalate	14.028	163	533133	44.214	ng	99
51) 2,6-Dinitrotoluene	14.139	165	112287	45.690	ng	97
52) Acenaphthene	14.633	154	362446	44.694	ng	98
53) 3-Nitroaniline	14.468	138	71601	26.541	ng	97
54) 2,4-Dinitrophenol	14.674	184	153655	96.654	ng	95
55) Dibenzofuran	14.968	168	604477	44.125	ng	99
56) 4-Nitrophenol	14.785	139	209481	101.418	ng	98
57) 2,4-Dinitrotoluene	14.932	165	171021	48.698	ng	94
58) Fluorene	15.620	166	502972	44.264	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.197	232	168857	46.745	ng	100
60) Diethylphthalate	15.396	149	536143	44.392	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	271241	43.062	ng	99
62) 4-Nitroaniline	15.632	138	125174	43.153	ng	98
63) Azobenzene	15.908	77	507306	44.568	ng	100
65) 4,6-Dinitro-2-methylph...	15.696	198	110836	51.109	ng	97
66) n-Nitrosodiphenylamine	15.825	169	479797	44.965	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	194156	44.588	ng	98
68) Hexachlorobenzene	16.624	284	222178	46.891	ng	98
69) Atrazine	16.783	200	192754	50.263	ng	95
70) Pentachlorophenol	16.965	266	310388	96.729	ng	100
71) Phenanthrene	17.359	178	901770	45.833	ng	100
72) Anthracene	17.453	178	928101	45.923	ng	99
73) Carbazole	17.717	167	813993	46.229	ng	98
74) Di-n-butylphthalate	18.293	149	974368	45.964	ng	99
75) Fluoranthene	19.368	202	1130708	45.151	ng	99
77) Benzidine	19.550	184	322896	38.887	ng	99
78) Pyrene	19.733	202	1181706	45.760	ng	100
80) Butylbenzylphthalate	20.632	149	433745	45.729	ng	97
81) Benzo(a)anthracene	21.560	228	1231038	46.310	ng	98
82) 3,3'-Dichlorobenzidine	21.478	252	305061	32.226	ng	99
83) Chrysene	21.624	228	1177167	46.379	ng	100
84) Bis(2-ethylhexyl)phtha...	21.489	149	623404	44.448	ng	99
85) Di-n-octyl phthalate	22.676	149	1104463	45.638	ng	99
87) Indeno(1,2,3-cd)pyrene	28.246	276	1480705	48.656	ng	98
88) Benzo(b)fluoranthene	23.716	252	1204208	48.363	ng	99
89) Benzo(k)fluoranthene	23.781	252	1204566	47.289	ng	99
90) Benzo(a)pyrene	24.556	252	1135922	46.272	ng	99
91) Dibenzo(a,h)anthracene	28.311	278	1216453	48.561	ng	100
92) Benzo(g,h,i)perylene	29.351	276	1121748	45.805	ng	99

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

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