Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060689.D
Acq On : 20 Mar 2024 13:13
Operator : MA/JU
Sample : P1616-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 21 01:16:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUEMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.293	152	78084	20.000	ng		0.00
21) Naphthalene-d8	11.137	136	314184	20.000	ng		0.00
39) Acenaphthene-d10	14.927	164	238693	20.000	ng		0.00
64) Phenanthrene-d10	17.676	188	575038	20.000	ng		0.00
76) Chrysene-d12	21.995	240	552824	20.000	ng		0.00
86) Perylene-d12	25.526	264	647415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.784	112	534572	107.620	ng		0.00
7) Phenol-d6	7.412	99	811303	112.595	ng		0.00
23) Nitrobenzene-d5	9.492	82	659161	109.188	ng		0.00
42) 2,4,6-Tribromophenol	16.413	330	489156	176.849	ng		0.00
45) 2-Fluorobiphenyl	13.552	172	1483034	84.004	ng		0.00
79) Terphenyl-d14	20.256	244	2590103	84.687	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.628	88	84256	40.524	ng	#	44
3) Pyridine	4.051	79	200449	32.620	ng		97
4) n-Nitrosodimethylamine	3.969	42	133758	44.373	ng		97
6) Aniline	7.618	93	105043	11.930	ng		96
8) 2-Chlorophenol	7.841	128	238607	43.943	ng		97
9) Benzaldehyde	7.435	77	38761	9.610	ng		95
10) Phenol	7.441	94	279443	38.651	ng		98
11) bis(2-Chloroethyl)ether	7.706	93	214793	37.268	ng		95
12) 1,3-Dichlorobenzene	8.176	146	255949	43.711	ng		100
13) 1,4-Dichlorobenzene	8.328	146	261682	44.087	ng		99
14) 1,2-Dichlorobenzene	8.646	146	247403	41.968	ng		99
15) Benzyl Alcohol	8.534	79	240572	42.231	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.793	45	432144	38.623	ng		98
17) 2-Methylphenol	8.716	107	212251	38.232	ng		99
18) Hexachloroethane	9.380	117	98550	48.604	ng		95
19) n-Nitroso-di-n-propyla...	9.098	70	214720	42.991	ng		99
20) 3+4-Methylphenols	9.045	107	326656	43.627	ng		98
22) Acetophenone	9.139	105	433085	51.414	ng	#	97
24) Nitrobenzene	9.539	77	310051	51.372	ng		98
25) Isophorone	10.044	82	551983	45.683	ng		97
26) 2-Nitrophenol	10.244	139	114148	46.751	ng		98
27) 2,4-Dimethylphenol	10.267	122	198355	37.090	ng		94
28) bis(2-Chloroethoxy)met...	10.526	93	306218	42.275	ng		99
29) 2,4-Dichlorophenol	10.767	162	229229	47.759	ng		93
30) 1,2,4-Trichlorobenzene	10.984	180	223728	43.901	ng		98
31) Naphthalene	11.190	128	768496	43.792	ng		100
32) Benzoic acid	10.379	122	168159	47.868	ng		96
33) 4-Chloroaniline	11.313	127	17811	2.407	ng	#	92
34) Hexachlorobutadiene	11.419	225	148114	42.610	ng		99
35) Caprolactam	12.101	113	81844m	50.655	ng		
36) 4-Chloro-3-methylphenol	12.377	107	308736	52.488	ng		98
37) 2-Methylnaphthalene	12.770	142	546006	45.048	ng		97
38) 1-Methylnaphthalene	12.988	142	515158	45.283	ng		97
40) 1,2,4,5-Tetrachloroben...	13.117	216	307862	41.999	ng		98
41) Hexachlorocyclopentadiene	13.070	237	300168	83.271	ng		100
43) 2,4,6-Trichlorophenol	13.358	196	227533	48.341	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.428	196	252627	45.371	ng		98
46) 1,1'-Biphenyl	13.763	154	769852	42.431	ng		99
47) 2-Chloronaphthalene	13.816	162	604493	44.147	ng		98
48) 2-Nitroaniline	14.028	65	220864	48.872	ng		100
49) Acenaphthylene	14.656	152	1051793	47.152	ng		99
50) Dimethylphthalate	14.368	163	862450	48.177	ng		98
51) 2,6-Dinitrotoluene	14.509	165	172858	52.404	ng		97
52) Acenaphthene	14.991	154	575168	43.149	ng		98
53) 3-Nitroaniline	14.850	138	25255	6.650	ng		89
54) 2,4-Dinitrophenol	15.044	184	190935	110.238	ng		95
55) Dibenzofuran	15.326	168	978951	45.359	ng		99
56) 4-Nitrophenol	15.121	139	315381	111.282	ng		98
57) 2,4-Dinitrotoluene	15.291	165	247636	59.677	ng	#	93
58) Fluorene	15.967	166	816975	47.312	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.532	232	239130m	51.499	ng		
60) Diethylphthalate	15.714	149	912485	49.540	ng		99
61) 4-Chlorophenyl-phenyle...	15.949	204	394358	45.087	ng		99
62) 4-Nitroaniline	16.014	138	181697	46.718	ng		93
63) Azobenzene	16.249	77	903622	47.404	ng		99
65) 4,6-Dinitro-2-methylph...	16.037	198	134451	51.367	ng		97
66) n-Nitrosodiphenylamine	16.172	169	769095	42.736	ng		99
67) 4-Bromophenyl-phenylether	16.848	248	280344	45.209	ng		99
68) Hexachlorobenzene	16.942	284	326220	45.756	ng		97
69) Atrazine	17.106	200	248411	41.269	ng		94
70) Pentachlorophenol	17.294	266	447660	96.876	ng		97
71) Phenanthrene	17.717	178	1388345	44.820	ng		99
72) Anthracene	17.811	178	1426160	45.535	ng		99
73) Carbazole	18.088	167	1313964	48.249	ng		99
74) Di-n-butylphthalate	18.593	149	1617908	48.751	ng		99
75) Fluoranthene	19.709	202	1622345	47.348	ng		99
77) Benzidine	19.909	184	155950m	11.533	ng		
78) Pyrene	20.074	202	1687521	43.741	ng		100
80) Butylbenzylphthalate	20.931	149	727766	49.898	ng		97
81) Benzo(a)anthracene	21.971	228	1742898	45.789	ng		100
82) 3,3'-Dichlorobenzidine	21.883	252	166343	12.966	ng		99
83) Chrysene	22.042	228	1655028	44.780	ng		99
84) Bis(2-ethylhexyl)phtha...	21.807	149	1085912	50.405	ng		97
85) Di-n-octyl phthalate	23.129	149	1888759	53.240	ng		98
87) Indeno(1,2,3-cd)pyrene	29.639	276	2181782	49.405	ng	#	94
88) Benzo(b)fluoranthene	24.386	252	1753977	49.246	ng		99
89) Benzo(k)fluoranthene	24.468	252	1722186	46.025	ng		99
90) Benzo(a)pyrene	25.361	252	1625621	46.554	ng		97
91) Dibenzo(a,h)anthracene	29.721	278	1779370	47.464	ng		97
92) Benzo(g,h,i)perylene	30.937	276	1679961	46.284	ng		97

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

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