Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060651.D
Acq On : 15 Mar 2024 00:00
Operator : MA/JU
Sample : PB159586BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 15 01:40:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB159586BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.327	152	109222	20.000	ng		0.00
21) Naphthalene-d8	11.171	136	513453	20.000	ng		0.00
39) Acenaphthene-d10	14.948	164	325000	20.000	ng		0.00
64) Phenanthrene-d10	17.698	188	699724	20.000	ng		0.00
76) Chrysene-d12	22.017	240	611265	20.000	ng		0.00
86) Perylene-d12	25.571	264	651311	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.812	112	1028396	148.013	ng		0.00
7) Phenol-d6	7.440	99	1401401	139.044	ng		0.00
23) Nitrobenzene-d5	9.525	82	842038	85.349	ng		0.00
42) 2,4,6-Tribromophenol	16.435	330	531610	141.157	ng		0.00
45) 2-Fluorobiphenyl	13.574	172	2089472	86.925	ng		0.00
79) Terphenyl-d14	20.277	244	2791806	82.555	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.644	88	97751	33.611	ng		98
3) Pyridine	4.061	79	255776	29.757	ng		97
4) n-Nitrosodimethylamine	3.991	42	177111	42.005	ng		100
6) Aniline	7.645	93	304852	24.753	ng		97
8) 2-Chlorophenol	7.874	128	388629	51.168	ng		99
9) Benzaldehyde	7.463	77	269196	47.713	ng		99
10) Phenol	7.469	94	508521	50.284	ng		96
11) bis(2-Chloroethyl)ether	7.739	93	362769	44.999	ng		96
12) 1,3-Dichlorobenzene	8.203	146	370216	45.201	ng		99
13) 1,4-Dichlorobenzene	8.362	146	386968	46.608	ng		98
14) 1,2-Dichlorobenzene	8.679	146	371763	45.085	ng		97
15) Benzyl Alcohol	8.562	79	367777	46.155	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.826	45	688583	43.997	ng		98
17) 2-Methylphenol	8.744	107	350765	45.170	ng		97
18) Hexachloroethane	9.408	117	130414	45.983	ng		98
19) n-Nitroso-di-n-propyla...	9.132	70	311934	44.649	ng		98
20) 3+4-Methylphenols	9.079	107	477837	45.624	ng		99
22) Acetophenone	9.167	105	604657	43.924	ng	#	97
24) Nitrobenzene	9.566	77	440173	44.627	ng		98
25) Isophorone	10.072	82	881803	44.657	ng		98
26) 2-Nitrophenol	10.272	139	183695	46.070	ng		96
27) 2,4-Dimethylphenol	10.295	122	346771	39.678	ng		98
28) bis(2-Chloroethoxy)met...	10.559	93	530055	44.777	ng		97
29) 2,4-Dichlorophenol	10.794	162	387178	49.361	ng		97
30) 1,2,4-Trichlorobenzene	11.012	180	374131	44.922	ng		98
31) Naphthalene	11.223	128	1251363	43.634	ng		99
32) Benzoic acid	10.418	122	264247	46.259	ng		94
33) 4-Chloroaniline	11.329	127	180299	14.909	ng		98
34) Hexachlorobutadiene	11.453	225	246162	43.333	ng		95
35) Caprolactam	12.134	113	123043m	46.599	ng		
36) 4-Chloro-3-methylphenol	12.404	107	451534	46.973	ng		97
37) 2-Methylnaphthalene	12.798	142	845221	42.671	ng		98
38) 1-Methylnaphthalene	13.015	142	802297	43.153	ng		97
40) 1,2,4,5-Tetrachloroben...	13.139	216	461835	46.273	ng		99
41) Hexachlorocyclopentadiene	13.098	237	504081	102.703	ng		98
43) 2,4,6-Trichlorophenol	13.380	196	318543	49.704	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.450	196	336456	44.379	ng	#	91
46) 1,1'-Biphenyl	13.791	154	1141059	46.190	ng		100
47) 2-Chloronaphthalene	13.844	162	888122	47.636	ng		98
48) 2-Nitroaniline	14.055	65	303081	49.255	ng		96
49) Acenaphthylene	14.684	152	1469672	48.389	ng		99
50) Dimethylphthalate	14.396	163	1118755	45.899	ng		99
51) 2,6-Dinitrotoluene	14.537	165	225579	50.226	ng		95
52) Acenaphthene	15.013	154	810192	44.640	ng		98
53) 3-Nitroaniline	14.872	138	158812	30.710	ng		98
54) 2,4-Dinitrophenol	15.066	184	231563	98.939	ng		95
55) Dibenzofuran	15.348	168	1316805	44.810	ng		99
56) 4-Nitrophenol	15.136	139	392470	101.708	ng		98
57) 2,4-Dinitrotoluene	15.313	165	299972	53.092	ng		95
58) Fluorene	15.994	166	1070347	45.525	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.548	232	306908m	48.543	ng		
60) Diethylphthalate	15.742	149	1139847	45.450	ng		100
61) 4-Chlorophenyl-phenyle...	15.977	204	527013	44.253	ng		99
62) 4-Nitroaniline	16.035	138	247332	46.706	ng		98
63) Azobenzene	16.270	77	1168433	45.018	ng		98
65) 4,6-Dinitro-2-methylph...	16.059	198	148873	47.175	ng		90
66) n-Nitrosodiphenylamine	16.194	169	962202	43.939	ng		99
67) 4-Bromophenyl-phenylether	16.870	248	336531	44.600	ng		96
68) Hexachlorobenzene	16.964	284	405734	46.768	ng		98
69) Atrazine	17.128	200	297703	40.645	ng		98
70) Pentachlorophenol	17.316	266	512301	91.109	ng		98
71) Phenanthrene	17.739	178	1641588	43.552	ng		99
72) Anthracene	17.833	178	1673817	43.920	ng		99
73) Carbazole	18.104	167	1494824	45.110	ng		98
74) Di-n-butylphthalate	18.615	149	1834425	45.426	ng		99
75) Fluoranthene	19.731	202	1826625	43.811	ng		100
77) Benzidine	19.919	184	429305	28.713	ng		99
78) Pyrene	20.095	202	1891700	44.346	ng		100
80) Butylbenzylphthalate	20.953	149	774943	48.053	ng		99
81) Benzo(a)anthracene	21.993	228	1909310	45.365	ng		99
82) 3,3'-Dichlorobenzidine	21.905	252	480014	33.837	ng		97
83) Chrysene	22.070	228	1793527	43.888	ng		98
84) Bis(2-ethylhexyl)phtha...	21.834	149	1135469	47.667	ng		99
85) Di-n-octyl phthalate	23.162	149	1929905	49.199	ng		99
87) Indeno(1,2,3-cd)pyrene	29.696	276	2252976	50.712	ng	#	96
88) Benzo(b)fluoranthene	24.420	252	1834733	51.205	ng		99
89) Benzo(k)fluoranthene	24.502	252	1825301	48.489	ng		99
90) Benzo(a)pyrene	25.395	252	1659043	47.227	ng		99
91) Dibenzo(a,h)anthracene	29.784	278	1863007	49.398	ng		99
92) Benzo(g,h,i)perylene	31.006	276	1752874	48.004	ng		98

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

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