Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
Data File : BG060904.D
Acq On : 15 Apr 2024 17:07
Operator : MA/JU
Sample : P2114-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 16 03:40:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
NB-08-041224MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
04/17/2024
Supervised By :mohammad ahmed
04/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.949	152	71213	20.000	ng		-0.01
21) Naphthalene-d8	10.746	136	273529	20.000	ng		-0.01
39) Acenaphthene-d10	14.577	164	196707	20.000	ng		-0.01
64) Phenanthrene-d10	17.327	188	455040	20.000	ng		-0.01
76) Chrysene-d12	21.592	240	407338	20.000	ng		#-0.01
86) Perylene-d12	24.724	264	493649	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	451276	105.567	ng		0.00
7) Phenol-d6	7.121	99	585990	92.349	ng		0.00
23) Nitrobenzene-d5	9.107	82	407122	84.931	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	313880	140.568	ng		0.00
45) 2-Fluorobiphenyl	13.202	172	838691	62.575	ng		-0.02
79) Terphenyl-d14	19.947	244	1410824	60.987	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	54537	31.117	ng		94
3) Pyridine	3.842	79	150336	28.437	ng		83
4) n-Nitrosodimethylamine	3.760	42	117379	37.145	ng		89
6) Aniline	7.280	93	127884	15.960	ng		99
8) 2-Chlorophenol	7.521	128	191201	39.453	ng		97
9) Benzaldehyde	7.086	77	15945m	4.557	ng		
10) Phenol	7.144	94	253811	39.194	ng		94
11) bis(2-Chloroethyl)ether	7.374	93	169450	32.409	ng		96
12) 1,3-Dichlorobenzene	7.838	146	207518	41.176	ng		98
13) 1,4-Dichlorobenzene	7.985	146	218849	42.564	ng		99
14) 1,2-Dichlorobenzene	8.302	146	213356	42.342	ng		97
15) Benzyl Alcohol	8.184	79	196107	38.153	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.472	45	462933	39.234	ng		99
17) 2-Methylphenol	8.390	107	179690	36.756	ng		94
18) Hexachloroethane	9.031	117	79695	43.642	ng	#	83
19) n-Nitroso-di-n-propyla...	8.754	70	165052	34.109	ng	#	96
20) 3+4-Methylphenols	8.719	107	245779	36.714	ng		94
22) Acetophenone	8.766	105	318120	42.179	ng	#	97
24) Nitrobenzene	9.148	77	240544	45.250	ng	#	95
25) Isophorone	9.671	82	436283	39.515	ng		98
26) 2-Nitrophenol	9.853	139	110563	56.977	ng	#	88
27) 2,4-Dimethylphenol	9.918	122	153009	34.499	ng		96
28) bis(2-Chloroethoxy)met...	10.153	93	258050	39.588	ng		97
29) 2,4-Dichlorophenol	10.394	162	195960	48.115	ng		99
30) 1,2,4-Trichlorobenzene	10.611	180	223008	48.357	ng		98
31) Naphthalene	10.799	128	616833	41.688	ng		99
32) Benzoic acid	10.070	122	153921	51.569	ng		95
33) 4-Chloroaniline	10.899	127	78842	11.472	ng		98
34) Hexachlorobutadiene	11.087	225	164507	53.524	ng		97
35) Caprolactam	11.674	113	63585m	39.419	ng		
36) 4-Chloro-3-methylphenol	12.027	107	223176	42.896	ng		99
37) 2-Methylnaphthalene	12.403	142	427140	39.266	ng		98
38) 1-Methylnaphthalene	12.620	142	400813	39.003	ng		97
40) 1,2,4,5-Tetrachloroben...	12.773	216	286922	50.737	ng		99
41) Hexachlorocyclopentadiene	12.756	237	295452	102.748	ng		99
43) 2,4,6-Trichlorophenol	13.008	196	189074	51.924	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	204172	46.984	ng		98
46) 1,1'-Biphenyl	13.414	154	601535	43.294	ng		99
47) 2-Chloronaphthalene	13.455	162	480106	45.480	ng		99
48) 2-Nitroaniline	13.655	65	173061	50.168	ng		97
49) Acenaphthylene	14.301	152	776279	43.765	ng		99
50) Dimethylphthalate	14.036	163	605795	38.963	ng		99
51) 2,6-Dinitrotoluene	14.148	165	127195	45.860	ng		97
52) Acenaphthene	14.642	154	535410m	48.077	ng		
53) 3-Nitroaniline	14.477	138	89586	30.444	ng		97
54) 2,4-Dinitrophenol	14.689	184	159640	147.511	ng		89
55) Dibenzofuran	14.982	168	719045	40.933	ng		100
56) 4-Nitrophenol	14.794	139	222257	97.784	ng		98
57) 2,4-Dinitrotoluene	14.941	165	186607	51.153	ng		93
58) Fluorene	15.629	166	583737	41.405	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.206	232	190748	50.368	ng		97
60) Diethylphthalate	15.405	149	601914	38.480	ng		99
61) 4-Chlorophenyl-phenyle...	15.623	204	320818	43.013	ng		92
62) 4-Nitroaniline	15.646	138	135273	47.587	ng		95
63) Azobenzene	15.917	77	589827	38.696	ng		96
65) 4,6-Dinitro-2-methylph...	15.705	198	111806	57.847	ng		95
66) n-Nitrosodiphenylamine	15.840	169	536938	41.292	ng		98
67) 4-Bromophenyl-phenylether	16.516	248	221620	47.990	ng		99
68) Hexachlorobenzene	16.633	284	258351	49.557	ng		97
69) Atrazine	16.792	200	208012	45.745	ng		98
70) Pentachlorophenol	16.980	266	336950	99.056	ng		100
71) Phenanthrene	17.368	178	999600	42.238	ng		99
72) Anthracene	17.462	178	1006227	41.867	ng		99
73) Carbazole	17.726	167	874285	41.258	ng		100
74) Di-n-butylphthalate	18.302	149	1051769	39.812	ng		100
75) Fluoranthene	19.383	202	1219345	42.461	ng		97
77) Benzidine	19.559	184	537824	50.142	ng		98
78) Pyrene	19.741	202	1259956	44.227	ng		99
80) Butylbenzylphthalate	20.646	149	462174	44.473	ng		94
81) Benzo(a)anthracene	21.569	228	1288627	44.880	ng		99
82) 3,3'-Dichlorobenzidine	21.486	252	316577	32.653	ng		98
83) Chrysene	21.633	228	1210582	43.743	ng		100
84) Bis(2-ethylhexyl)phtha...	21.504	149	672660	40.610	ng		97
85) Di-n-octyl phthalate	22.697	149	1167566	43.269	ng		99
87) Indeno(1,2,3-cd)pyrene	28.284	276	1554130	44.707	ng	#	96
88) Benzo(b)fluoranthene	23.737	252	1252349m	44.159	ng		
89) Benzo(k)fluoranthene	23.801	252	1242240	42.795	ng	#	97
90) Benzo(a)pyrene	24.583	252	1181990	42.887	ng		96
91) Dibenzo(a,h)anthracene	28.355	278	1261984	43.065	ng	#	94
92) Benzo(g,h,i)perylene	29.401	276	1160550	40.712	ng		97

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

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