Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
Data File : BG060793.D
Acq On : 5 Apr 2024 12:59
Operator : MA/JU
Sample : P1957-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 01:39:30 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.955	152	49636	20.000	ng		0.00
21) Naphthalene-d8	10.751	136	206925	20.000	ng		0.00
39) Acenaphthene-d10	14.582	164	174908	20.000	ng		0.00
64) Phenanthrene-d10	17.332	188	437598	20.000	ng		0.00
76) Chrysene-d12	21.598	240	407032	20.000	ng		0.00
86) Perylene-d12	24.741	264	476723	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	336782	113.031	ng		0.00
7) Phenol-d6	7.115	99	466696	105.521	ng		0.00
23) Nitrobenzene-d5	9.106	82	340504	93.897	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	321892	162.122	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	891733	74.824	ng		0.00
79) Terphenyl-d14	19.958	244	1771986	76.657	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.466	88	38791	31.754	ng	#	23
3) Pyridine	3.860	79	93317	25.325	ng		90
4) n-Nitrosodimethylamine	3.766	42	85755	38.934	ng		99
6) Aniline	7.279	93	97285	17.419	ng		99
8) 2-Chlorophenol	7.520	128	139387	41.264	ng		98
9) Benzaldehyde	7.091	77	12870m	5.277	ng		
10) Phenol	7.144	94	168324	37.292	ng		99
11) bis(2-Chloroethyl)ether	7.373	93	124930	34.281	ng		94
12) 1,3-Dichlorobenzene	7.843	146	136601	38.887	ng		98
13) 1,4-Dichlorobenzene	7.990	146	138419	38.623	ng		97
14) 1,2-Dichlorobenzene	8.307	146	134667	38.344	ng		98
15) Benzyl Alcohol	8.190	79	141747	39.566	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.478	45	300172	36.498	ng		99
17) 2-Methylphenol	8.395	107	121830	35.754	ng		97
18) Hexachloroethane	9.036	117	49315	38.745	ng		92
19) n-Nitroso-di-n-propyla...	8.760	70	117273	34.770	ng	#	95
20) 3+4-Methylphenols	8.719	107	172851	37.044	ng		96
22) Acetophenone	8.771	105	226098	39.627	ng	#	95
24) Nitrobenzene	9.153	77	165251	41.347	ng		96
25) Isophorone	9.676	82	322949	38.665	ng		99
26) 2-Nitrophenol	9.858	139	72055	50.448	ng	#	85
27) 2,4-Dimethylphenol	9.923	122	112809	33.622	ng		99
28) bis(2-Chloroethoxy)met...	10.158	93	182830	37.077	ng		98
29) 2,4-Dichlorophenol	10.399	162	147314	47.813	ng		97
30) 1,2,4-Trichlorobenzene	10.616	180	146892	42.104	ng		98
31) Naphthalene	10.804	128	434245	38.795	ng		99
32) Benzoic acid	10.041	122	103472	46.587	ng		92
33) 4-Chloroaniline	10.898	127	23854	4.588	ng	#	93
34) Hexachlorobutadiene	11.092	225	97210	41.808	ng		98
35) Caprolactam	11.668	113	48159m	39.466	ng		
36) 4-Chloro-3-methylphenol	12.026	107	180241	45.794	ng		98
37) 2-Methylnaphthalene	12.408	142	323302	39.287	ng		99
38) 1-Methylnaphthalene	12.626	142	297361	38.250	ng		100
40) 1,2,4,5-Tetrachloroben...	12.779	216	197217	39.220	ng		99
41) Hexachlorocyclopentadiene	12.761	237	196617	76.899	ng		98
43) 2,4,6-Trichlorophenol	13.014	196	148069	45.731	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	166904	43.194	ng		96
46) 1,1'-Biphenyl	13.419	154	476852	38.598	ng		99
47) 2-Chloronaphthalene	13.460	162	374751	39.925	ng		98
48) 2-Nitroaniline	13.654	65	149796	49.036	ng		99
49) Acenaphthylene	14.306	152	659447	41.812	ng		100
50) Dimethylphthalate	14.042	163	553074	40.006	ng		99
51) 2,6-Dinitrotoluene	14.153	165	114771	46.486	ng		98
52) Acenaphthene	14.647	154	453006m	45.747	ng		
53) 3-Nitroaniline	14.477	138	36456	15.479	ng		95
54) 2,4-Dinitrophenol	14.688	184	130731	135.854	ng		89
55) Dibenzofuran	14.988	168	630044	40.337	ng		98
56) 4-Nitrophenol	14.788	139	189422	93.725	ng		98
57) 2,4-Dinitrotoluene	14.941	165	168846	51.954	ng		94
58) Fluorene	15.634	166	521273	41.582	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.211	232	163721	48.619	ng		99
60) Diethylphthalate	15.417	149	554305	39.853	ng		99
61) 4-Chlorophenyl-phenyle...	15.634	204	276800	41.737	ng		92
62) 4-Nitroaniline	15.646	138	115791	45.810	ng		97
63) Azobenzene	15.928	77	535326	39.497	ng		96
65) 4,6-Dinitro-2-methylph...	15.704	198	96973	52.863	ng		95
66) n-Nitrosodiphenylamine	15.846	169	491452	39.301	ng		98
67) 4-Bromophenyl-phenylether	16.527	248	192870	43.429	ng		96
68) Hexachlorobenzene	16.639	284	223540	44.589	ng		97
69) Atrazine	16.797	200	154666	35.369	ng		99
70) Pentachlorophenol	16.979	266	302196	92.380	ng		97
71) Phenanthrene	17.379	178	913216	40.126	ng		100
72) Anthracene	17.467	178	927314	40.121	ng		99
73) Carbazole	17.732	167	821191	40.297	ng		99
74) Di-n-butylphthalate	18.313	149	987011	38.850	ng		100
75) Fluoranthene	19.388	202	1101696	39.893	ng		98
77) Benzidine	19.582	184	61713m	5.758	ng		
78) Pyrene	19.747	202	1154318	40.550	ng		99
80) Butylbenzylphthalate	20.658	149	448184	43.160	ng		96
81) Benzo(a)anthracene	21.580	228	1175111	40.957	ng		98
82) 3,3'-Dichlorobenzidine	21.498	252	162316	16.755	ng		98
83) Chrysene	21.645	228	1125300	40.692	ng		99
84) Bis(2-ethylhexyl)phtha...	21.521	149	660353	39.897	ng		98
85) Di-n-octyl phthalate	22.726	149	1156923	42.907	ng		100
87) Indeno(1,2,3-cd)pyrene	28.307	276	1441030	42.925	ng		97
88) Benzo(b)fluoranthene	23.748	252	1181420	43.137	ng		100
89) Benzo(k)fluoranthene	23.819	252	1153807	41.160	ng		98
90) Benzo(a)pyrene	24.594	252	1099423	41.308	ng		98
91) Dibenzo(a,h)anthracene	28.384	278	1181490	41.750	ng	#	96
92) Benzo(g,h,i)perylene	29.418	276	1109133	40.290	ng		97

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

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