Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
Data File : BG060701.D
Acq On : 29 Mar 2024 12:10
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 30 03:00:46 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 02:56:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.961	152	47208	20.000	ng		0.00
21) Naphthalene-d8	10.758	136	218199	20.000	ng		0.00
39) Acenaphthene-d10	14.588	164	167749	20.000	ng		0.00
64) Phenanthrene-d10	17.338	188	418125	20.000	ng		0.00
76) Chrysene-d12	21.604	240	409354	20.000	ng		0.00
86) Perylene-d12	24.747	264	464785	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	54785	19.333	ng		0.00
7) Phenol-d6	7.109	99	83746	19.909	ng		0.00
23) Nitrobenzene-d5	9.113	82	58932	15.411	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	35950	18.879	ng		0.00
45) 2-Fluorobiphenyl	13.214	172	230957	20.206	ng		0.00
79) Terphenyl-d14	19.965	244	503671	21.665	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.466	88	12526	10.781	ng		91
3) Pyridine	3.854	79	35937	10.254	ng		98
4) n-Nitrosodimethylamine	3.766	42	20404	9.740	ng	#	96
6) Aniline	7.279	93	52521	9.887	ng		99
8) 2-Chlorophenol	7.520	128	31876	9.922	ng		98
9) Benzaldehyde	7.097	77	26462	11.408	ng		96
10) Phenol	7.138	94	42434	9.885	ng		99
11) bis(2-Chloroethyl)ether	7.379	93	34925	10.077	ng		94
12) 1,3-Dichlorobenzene	7.855	146	32951	9.863	ng		98
13) 1,4-Dichlorobenzene	7.996	146	34848	10.224	ng		98
14) 1,2-Dichlorobenzene	8.313	146	33186	9.935	ng		97
15) Benzyl Alcohol	8.190	79	33301	9.773	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.496	45	79218	10.124	ng		97
17) 2-Methylphenol	8.390	107	32121	9.911	ng		93
18) Hexachloroethane	9.042	117	12589	10.399	ng		92
19) n-Nitroso-di-n-propyla...	8.760	70	32256	10.055	ng		99
20) 3+4-Methylphenols	8.713	107	43217	9.738	ng		92
22) Acetophenone	8.778	105	58211	9.675	ng	#	98
24) Nitrobenzene	9.154	77	33173	10.116	ng		95
25) Isophorone	9.682	82	85810	9.743	ng		98
26) 2-Nitrophenol	9.865	139	9048	9.450	ng		92
27) 2,4-Dimethylphenol	9.923	122	34970	9.884	ng		96
28) bis(2-Chloroethoxy)met...	10.170	93	50928	9.794	ng		98
29) 2,4-Dichlorophenol	10.399	162	30238	9.307	ng		94
30) 1,2,4-Trichlorobenzene	10.617	180	35576	9.670	ng		98
31) Naphthalene	10.811	128	119070	10.088	ng		98
32) Benzoic acid	9.982	122	12503	11.391	ng		96
33) 4-Chloroaniline	10.905	127	53790	9.812	ng		99
34) Hexachlorobutadiene	11.104	225	24284	9.905	ng		95
35) Caprolactam	11.645	113	12985	10.094	ng		95
36) 4-Chloro-3-methylphenol	12.021	107	39832	9.597	ng		97
37) 2-Methylnaphthalene	12.415	142	88501	10.199	ng		99
38) 1-Methylnaphthalene	12.632	142	83145	10.142	ng		93
40) 1,2,4,5-Tetrachloroben...	12.785	216	46152	9.570	ng		99
41) Hexachlorocyclopentadiene	12.773	237	20703	8.443	ng		99
43) 2,4,6-Trichlorophenol	13.014	196	28335	9.125	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	34155	9.216	ng		97
46) 1,1'-Biphenyl	13.425	154	118695	10.018	ng		99
47) 2-Chloronaphthalene	13.466	162	89090	9.896	ng		99
48) 2-Nitroaniline	13.654	65	19339	9.671	ng		94
49) Acenaphthylene	14.306	152	151953	10.046	ng		98
50) Dimethylphthalate	14.048	163	132164	9.968	ng		99
51) 2,6-Dinitrotoluene	14.154	165	15735	9.640	ng		93
52) Acenaphthene	14.653	154	96462	10.157	ng		98
53) 3-Nitroaniline	14.477	138	18983	9.707	ng	#	91
54) 2,4-Dinitrophenol	14.682	184	7743	8.390	ng		93
55) Dibenzofuran	14.988	168	155483	10.379	ng		97
56) 4-Nitrophenol	14.771	139	15060	7.770	ng		95
57) 2,4-Dinitrotoluene	14.941	165	20261	9.624	ng		93
58) Fluorene	15.640	166	126947	10.559	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.211	232	31292m	9.694	ng		
60) Diethylphthalate	15.417	149	139678	10.471	ng		97
61) 4-Chlorophenyl-phenyle...	15.640	204	66180	10.405	ng		91
62) 4-Nitroaniline	15.634	138	21359	8.811	ng		95
63) Azobenzene	15.928	77	134125	10.318	ng		98
65) 4,6-Dinitro-2-methylph...	15.699	198	10005	11.982	ng		95
66) n-Nitrosodiphenylamine	15.846	169	117982	9.874	ng		99
67) 4-Bromophenyl-phenylether	16.533	248	39520	9.313	ng		91
68) Hexachlorobenzene	16.639	284	45832	9.568	ng		97
69) Atrazine	16.798	200	43609	10.437	ng		99
70) Pentachlorophenol	16.980	266	27751	8.878	ng		93
71) Phenanthrene	17.379	178	220966	10.161	ng		100
72) Anthracene	17.467	178	221644	10.036	ng		99
73) Carbazole	17.732	167	198472	10.193	ng		99
74) Di-n-butylphthalate	18.325	149	248077	10.219	ng		100
75) Fluoranthene	19.389	202	277883	10.531	ng		99
77) Benzidine	19.571	184	100631	9.336	ng		99
78) Pyrene	19.753	202	288219	10.067	ng		98
80) Butylbenzylphthalate	20.670	149	94073	9.008	ng		96
81) Benzo(a)anthracene	21.586	228	287866	9.976	ng		99
82) 3,3'-Dichlorobenzidine	21.504	252	91179	9.358	ng		94
83) Chrysene	21.645	228	275996	9.924	ng		99
84) Bis(2-ethylhexyl)phtha...	21.545	149	157477	9.461	ng		98
85) Di-n-octyl phthalate	22.749	149	243800	8.990	ng		100
87) Indeno(1,2,3-cd)pyrene	28.308	276	316255	9.662	ng		98
88) Benzo(b)fluoranthene	23.754	252	262564	9.833	ng		99
89) Benzo(k)fluoranthene	23.825	252	265375	9.751	ng		99
90) Benzo(a)pyrene	24.594	252	253813	9.781	ng	#	97
91) Dibenzo(a,h)anthracene	28.384	278	265952	9.639	ng		97
92) Benzo(g,h,i)perylene	29.406	276	260327	9.699	ng		97

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

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