Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
Data File : BG060554.D
Acq On : 6 Feb 2024 11:13
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:14:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 01:12:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.352	152	49032	20.000	ng		0.00
21) Naphthalene-d8	11.196	136	202308	20.000	ng		0.00
39) Acenaphthene-d10	14.980	164	127442	20.000	ng		0.00
64) Phenanthrene-d10	17.735	188	288058	20.000	ng		0.00
76) Chrysene-d12	22.083	240	291364	20.000	ng		0.00
86) Perylene-d12	25.697	264	333106	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.838	112	34048	10.487	ng		0.00
7) Phenol-d6	7.453	99	45434	10.407	ng		0.00
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	16.466	330	13272	8.885	ng		0.00
45) 2-Fluorobiphenyl	13.605	172	98164	10.345	ng		0.00
79) Terphenyl-d14	20.321	244	178539	10.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	7620	6.124	ng		85
3) Pyridine	4.110	79	16971m	5.140	ng		
4) n-Nitrosodimethylamine	4.034	42	11265	5.527	ng	#	86
6) Aniline	7.671	93	20074	4.900	ng		93
8) 2-Chlorophenol	7.894	128	17170	5.066	ng		91
9) Benzaldehyde	7.495	77	16188	6.040	ng		97
10) Phenol	7.483	94	23511	5.313	ng		98
11) bis(2-Chloroethyl)ether	7.765	93	18489	5.232	ng		97
12) 1,3-Dichlorobenzene	8.229	146	21224m	5.262	ng		
13) 1,4-Dichlorobenzene	8.388	146	21280	5.172	ng		97
14) 1,2-Dichlorobenzene	8.705	146	21007	5.287	ng		97
15) Benzyl Alcohol	8.587	79	15406	4.897	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.869	45	41853m	5.099	ng		
17) 2-Methylphenol	8.764	107	15961	5.280	ng		95
18) Hexachloroethane	9.433	117	6989	4.853	ng		85
19) n-Nitroso-di-n-propyla...	9.151	70	14626	4.968	ng		99
20) 3+4-Methylphenols	9.093	107	20187	4.971	ng	#	84
22) Acetophenone	9.193	105	29351	5.274	ng	#	99
24) Nitrobenzene	9.586	77	14320	3.857	ng	#	98
25) Isophorone	10.097	82	38976	4.988	ng	#	97
26) 2-Nitrophenol	10.303	139	4192	4.717	ng		89
27) 2,4-Dimethylphenol	10.321	122	14232m	5.498	ng		
28) bis(2-Chloroethoxy)met...	10.585	93	23495	5.043	ng		96
29) 2,4-Dichlorophenol	10.820	162	13913	4.471	ng		87
30) 1,2,4-Trichlorobenzene	11.043	180	19407	5.118	ng		96
31) Naphthalene	11.249	128	59131	5.138	ng		99
33) 4-Chloroaniline	11.361	127	18682	4.537	ng		94
34) Hexachlorobutadiene	11.484	225	13115	5.055	ng		92
35) Caprolactam	12.124	113	5140	4.856	ng		98
36) 4-Chloro-3-methylphenol	12.424	107	17262	4.800	ng		93
37) 2-Methylnaphthalene	12.829	142	39853	5.186	ng		92
38) 1-Methylnaphthalene	13.047	142	38661	5.103	ng		92
40) 1,2,4,5-Tetrachloroben...	13.170	216	21423	5.167	ng		98
41) Hexachlorocyclopentadiene	13.129	237	6070	4.240	ng		96
43) 2,4,6-Trichlorophenol	13.405	196	11477	4.647	ng		94
44) 2,4,5-Trichlorophenol	13.476	196	13368	4.808	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.822	154	53215	5.187	ng		98
47) 2-Chloronaphthalene	13.875	162	42913	5.159	ng		92
48) 2-Nitroaniline	14.081	65	6177	7.536	ng		93
49) Acenaphthylene	14.715	152	59040	4.977	ng		98
50) Dimethylphthalate	14.428	163	50050	5.088	ng		99
51) 2,6-Dinitrotoluene	14.557	165	4279	7.345	ng		93
52) Acenaphthene	15.045	154	38703	5.048	ng		95
53) 3-Nitroaniline	14.898	138	5238	6.926	ng	#	84
55) Dibenzofuran	15.379	168	61905	5.156	ng		99
57) 2,4-Dinitrotoluene	15.338	165	5629	8.019	ng	#	95
58) Fluorene	16.026	166	50184	5.233	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.579	232	11024	4.606	ng	#	95
60) Diethylphthalate	15.773	149	51532	5.120	ng		97
61) 4-Chlorophenyl-phenyle...	16.014	204	25354	5.203	ng		96
62) 4-Nitroaniline	16.049	138	6422	6.927	ng		92
63) Azobenzene	16.308	77	49664	5.065	ng		99
66) n-Nitrosodiphenylamine	16.231	169	42639	4.958	ng		98
67) 4-Bromophenyl-phenylether	16.913	248	16179	5.018	ng		96
68) Hexachlorobenzene	16.995	284	18057	4.940	ng		97
69) Atrazine	17.166	200	14629	5.461	ng		94
70) Pentachlorophenol	17.348	266	8528	4.016	ng		99
71) Phenanthrene	17.777	178	80346	5.156	ng		98
72) Anthracene	17.871	178	77777m	5.011	ng		
73) Carbazole	18.147	167	74573	5.198	ng		99
74) Di-n-butylphthalate	18.670	149	87961	4.978	ng		99
75) Fluoranthene	19.774	202	98736	5.233	ng		99
78) Pyrene	20.139	202	102936	4.967	ng		99
80) Butylbenzylphthalate	21.020	149	32085	4.214	ng		99
81) Benzo(a)anthracene	22.060	228	104635	5.055	ng		99
82) 3,3'-Dichlorobenzidine	21.972	252	33900	4.957	ng		94
83) Chrysene	22.136	228	99525	5.016	ng		97
84) Bis(2-ethylhexyl)phtha...	21.925	149	55936	4.762	ng		96
85) Di-n-octyl phthalate	23.294	149	89532	4.550	ng	#	90
87) Indeno(1,2,3-cd)pyrene	29.880	276	115273	4.747	ng		99
88) Benzo(b)fluoranthene	24.522	252	105576	4.899	ng		99
89) Benzo(k)fluoranthene	24.604	252	101077	4.874	ng		99
90) Benzo(a)pyrene	25.520	252	91219	4.832	ng		98
91) Dibenzo(a,h)anthracene	29.974	278	94492	4.715	ng		95
92) Benzo(g,h,i)perylene	31.208	276	95734	4.775	ng		98

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

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