Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
Data File : BP020426.D
Acq On : 20 May 2024 13:54
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 21 01:30:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 21 01:25:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.587	152	75186	20.000	ng		0.00
21) Naphthalene-d8	10.363	136	289867	20.000	ng		0.00
39) Acenaphthene-d10	14.257	164	188070	20.000	ng		-0.01
64) Phenanthrene-d10	17.104	188	440215	20.000	ng		0.00
76) Chrysene-d12	21.592	240	539321	20.000	ng		0.00
86) Perylene-d12	24.945	264	604359	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	39849m	9.784	ng		0.02
7) Phenol-d6	6.793	99	52824	9.300	ng		0.02
23) Nitrobenzene-d5	8.769	82	57013	9.464	ng		0.02
42) 2,4,6-Tribromophenol	15.822	330	23288	9.539	ng		0.01
45) 2-Fluorobiphenyl	12.863	172	130607	9.792	ng		0.00
79) Terphenyl-d14	19.875	244	267299	8.864	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	10312	5.856	ng		98
3) Pyridine	3.634	79	21734m	4.891	ng		
4) n-Nitrosodimethylamine	3.552	42	10827	5.020	ng	#	95
6) Aniline	6.946	93	26125	4.808	ng		97
8) 2-Chlorophenol	7.169	128	22366	4.941	ng		92
9) Benzaldehyde	6.787	77	20190	4.967	ng		95
10) Phenol	6.822	94	27062	4.719	ng		98
11) bis(2-Chloroethyl)ether	7.040	93	21669	4.846	ng		96
12) 1,3-Dichlorobenzene	7.481	146	28786	5.301	ng		97
13) 1,4-Dichlorobenzene	7.622	146	29967	5.377	ng		95
14) 1,2-Dichlorobenzene	7.934	146	27457	5.135	ng		92
15) Benzyl Alcohol	7.887	79	20664m	4.406	ng		
16) 2,2'-oxybis(1-Chloropr...	8.122	45	25387	4.970	ng		82
17) 2-Methylphenol	8.058	107	16516	4.311	ng		89
18) Hexachloroethane	8.628	117	10750	5.148	ng		89
19) n-Nitroso-di-n-propyla...	8.411	70	17238	4.543	ng		95
20) 3+4-Methylphenols	8.411	107	25040m	4.696	ng		
22) Acetophenone	8.440	105	34791	4.764	ng	#	94
24) Nitrobenzene	8.816	77	28390	4.742	ng		92
25) Isophorone	9.316	82	42270	4.273	ng	#	98
26) 2-Nitrophenol	9.522	139	9514	3.930	ng		92
27) 2,4-Dimethylphenol	9.593	122	13486	4.679	ng		99
28) bis(2-Chloroethoxy)met...	9.834	93	24850	4.300	ng	#	88
29) 2,4-Dichlorophenol	10.099	162	18096	4.261	ng		92
30) 1,2,4-Trichlorobenzene	10.234	180	27676	5.136	ng		97
31) Naphthalene	10.416	128	75907	5.180	ng		97
33) 4-Chloroaniline	10.599	127	20093	4.064	ng		99
34) Hexachlorobutadiene	10.669	225	18360	4.926	ng		97
35) Caprolactam	11.404	113	5629m	4.550	ng		
36) 4-Chloro-3-methylphenol	11.728	107	22337	4.519	ng		99
37) 2-Methylnaphthalene	12.052	142	47776	4.773	ng		95
38) 1-Methylnaphthalene	12.263	142	48773	4.945	ng		99
40) 1,2,4,5-Tetrachloroben...	12.422	216	30578	5.027	ng		98
43) 2,4,6-Trichlorophenol	12.699	196	15977	4.368	ng		98
44) 2,4,5-Trichlorophenol	12.793	196	18084m	4.518	ng		
46) 1,1'-Biphenyl	13.075	154	68042	5.185	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.122	162	52952	5.040	ng		97
48)	2-Nitroaniline	13.387	65	13182	4.246	ng		97
49)	Acenaphthylene	13.981	152	75497	5.027	ng		99
50)	Dimethylphthalate	13.734	163	64632	5.075	ng		99
51)	2,6-Dinitrotoluene	13.875	165	13947	4.807	ng		95
52)	Acenaphthene	14.328	154	47678	5.060	ng		99
53)	3-Nitroaniline	14.251	138	11188m	4.501	ng		
55)	Dibenzofuran	14.681	168	79786	5.175	ng		98
57)	2,4-Dinitrotoluene	14.704	165	17778	4.621	ng	#	96
58)	Fluorene	15.345	166	64221	5.169	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.934	232	17767	5.056	ng		95
60)	Diethylphthalate	15.128	149	63419	5.016	ng		98
61)	4-Chlorophenyl-phenyle...	15.345	204	34131	4.986	ng		91
62)	4-Nitroaniline	15.475	138	11285m	4.895	ng		
63)	Azobenzene	15.651	77	59765	4.950	ng		96
66)	n-Nitrosodiphenylamine	15.581	169	53384	4.461	ng		97
67)	4-Bromophenyl-phenylether	16.275	248	21111	4.320	ng		96
68)	Hexachlorobenzene	16.375	284	26797	4.635	ng		94
69)	Atrazine	16.587	200	19126	5.278	ng		95
70)	Pentachlorophenol	16.769	266	14026m	4.193	ng		
71)	Phenanthrene	17.151	178	106120	5.022	ng		99
72)	Anthracene	17.263	178	99025	4.790	ng		99
73)	Carbazole	17.575	167	95616	5.037	ng		98
74)	Di-n-butylphthalate	18.151	149	100220	4.413	ng		98
75)	Fluoranthene	19.275	202	146335	5.635	ng		99
77)	Benzidine	19.533	184	29097m	4.560	ng		
78)	Pyrene	19.657	202	155281	4.527	ng		100
80)	Butylbenzylphthalate	20.616	149	52588	4.070	ng		92
81)	Benzo(a)anthracene	21.575	228	167757	4.978	ng		98
82)	3,3'-Dichlorobenzidine	21.533	252	51725	4.612	ng	#	98
83)	Chrysene	21.645	228	167840	5.150	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.522	149	72261	3.851	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.751	276	193005	4.776	ng		96
88)	Benzo(b)fluoranthene	23.892	252	164686	4.750	ng		100
89)	Benzo(k)fluoranthene	23.957	252	172666	5.027	ng		99
90)	Benzo(a)pyrene	24.786	252	143294	4.699	ng		98
91)	Dibenzo(a,h)anthracene	28.821	278	160532	4.805	ng		96
92)	Benzo(g,h,i)perylene	29.933	276	167364	4.916	ng		98

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

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