Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102822\
Data File : BM037257.D
Acq On : 28 Oct 2022 15:56
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 02:57:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 02:48:52 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	407376	20.000	ng		0.00
21) Naphthalene-d8	10.681	136	1617881	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	936668	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1692946	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1329575	20.000	ng		0.00
86) Perylene-d12	23.786	264	1168457	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2426617	105.715	ng		0.00
7) Phenol-d6	7.051	99	3457446	107.230	ng		0.00
23) Nitrobenzene-d5	9.051	82	3497839	115.639	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1220090	166.083	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	7681067	126.444	ng		0.00
79) Terphenyl-d14	19.868	244	8799122	131.857	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	468007	47.319	ng		98
3) Pyridine	3.734	79	1469441m	48.132	ng		
4) n-Nitrosodimethylamine	3.646	42	632761	47.752	ng		99
6) Aniline	7.210	93	2124883	51.903	ng		99
8) 2-Chlorophenol	7.440	128	1531919	55.930	ng		99
9) Benzaldehyde	7.022	77	838308	40.592	ng		99
10) Phenol	7.081	94	1934103	52.372	ng		98
11) bis(2-Chloroethyl)ether	7.310	93	1503827	49.852	ng		99
12) 1,3-Dichlorobenzene	7.763	146	1643815	54.779	ng		99
13) 1,4-Dichlorobenzene	7.910	146	1693457	55.065	ng		100
14) 1,2-Dichlorobenzene	8.228	146	1621300	55.037	ng		98
15) Benzyl Alcohol	8.128	79	1275431	50.770	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.410	45	2140742	48.588	ng		99
17) 2-Methylphenol	8.328	107	1277830	52.994	ng		99
18) Hexachloroethane	8.951	117	609669	53.738	ng		100
19) n-Nitroso-di-n-propyla...	8.692	70	1205717	49.229	ng		99
20) 3+4-Methylphenols	8.657	107	1776869	53.605	ng		98
22) Acetophenone	8.710	105	2279204	56.126	ng	#	99
24) Nitrobenzene	9.092	77	1754124	54.836	ng		98
25) Isophorone	9.616	82	2975158	53.204	ng		99
26) 2-Nitrophenol	9.798	139	834480	77.877	ng		100
27) 2,4-Dimethylphenol	9.863	122	1198384	57.916	ng		99
28) bis(2-Chloroethoxy)met...	10.098	93	1787291	52.838	ng		100
29) 2,4-Dichlorophenol	10.334	162	1381967	63.254	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	1506266	64.028	ng		98
31) Naphthalene	10.728	128	4871885	55.739	ng		99
32) Benzoic acid	10.034	122	1046982	66.293	ng		100
33) 4-Chloroaniline	10.851	127	1990790	56.661	ng		99
34) Hexachlorobutadiene	11.004	225	850664	66.119	ng		97
35) Caprolactam	11.663	113	432676	57.388	ng		97
36) 4-Chloro-3-methylphenol	11.975	107	1444557	56.241	ng		99
37) 2-Methylnaphthalene	12.339	142	3378758	57.547	ng		100
38) 1-Methylnaphthalene	12.557	142	3290875	57.270	ng		98
40) 1,2,4,5-Tetrachloroben...	12.704	216	1539171	66.938	ng		100
41) Hexachlorocyclopentadiene	12.675	237	753905	66.935	ng		100
43) 2,4,6-Trichlorophenol	12.951	196	1102053	69.908	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1202815	68.548	ng	99
46) 1,1'-Biphenyl	13.351	154	4062818	58.835	ng	99
47) 2-Chloronaphthalene	13.392	162	3235723	61.018	ng	99
48) 2-Nitroaniline	13.604	65	988857	58.581	ng	99
49) Acenaphthylene	14.233	152	5068083	59.015	ng	100
50) Dimethylphthalate	13.980	163	3853934	58.346	ng	99
51) 2,6-Dinitrotoluene	14.104	165	839430	63.603	ng	95
52) Acenaphthene	14.574	154	3089816	57.897	ng	99
53) 3-Nitroaniline	14.433	138	950735	60.003	ng	96
54) 2,4-Dinitrophenol	14.639	184	486079	73.388	ng	93
55) Dibenzofuran	14.910	168	4728395	58.520	ng	99
56) 4-Nitrophenol	14.745	139	745999	58.894	ng	95
57) 2,4-Dinitrotoluene	14.886	165	1121157	65.368	ng	98
58) Fluorene	15.557	166	4016999	60.682	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	982404	67.694	ng	99
60) Diethylphthalate	15.333	149	3727681	54.412	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	1880322	64.997	ng	100
62) 4-Nitroaniline	15.598	138	943210	58.051	ng	98
63) Azobenzene	15.845	77	3661919	48.062	ng	100
65) 4,6-Dinitro-2-methylph...	15.645	198	618793	73.512	ng	96
66) n-Nitrosodiphenylamine	15.769	169	3198814	61.157	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	1066471	68.313	ng	99
68) Hexachlorobenzene	16.557	284	1273990	73.693	ng	97
69) Atrazine	16.721	200	806397	55.964	ng	99
70) Pentachlorophenol	16.904	266	756086	71.262	ng	99
71) Phenanthrene	17.298	178	5697390	60.111	ng	100
72) Anthracene	17.386	178	5473879	60.566	ng	99
73) Carbazole	17.663	167	4876531	57.809	ng	100
74) Di-n-butylphthalate	18.221	149	5529326	52.343	ng	99
75) Fluoranthene	19.304	202	5878460	60.280	ng	100
77) Benzidine	19.498	184	1083802	38.852	ng	99
78) Pyrene	19.668	202	6017751	60.102	ng	99
80) Butylbenzylphthalate	20.562	149	2124799	51.480	ng	98
81) Benzo(a)anthracene	21.409	228	5156888	59.715	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1523302	64.981	ng	99
83) Chrysene	21.462	228	4963035	59.667	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	2810441	46.385	ng	98
85) Di-n-octyl phthalate	22.245	149	4253097	43.591	ng	100
87) Indeno(1,2,3-cd)pyrene	26.238	276	5374071	69.644	ng	100
88) Benzo(b)fluoranthene	23.068	252	4580793	61.864	ng	99
89) Benzo(k)fluoranthene	23.115	252	4493060	58.975	ng	99
90) Benzo(a)pyrene	23.680	252	3678261	61.767	ng	100
91) Dibenzo(a,h)anthracene	26.250	278	4460409	69.388	ng	100
92) Benzo(g,h,i)perylene	26.985	276	4299960	68.898	ng	99

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

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