Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092722\
Data File : BM036787.D
Acq On : 27 Sep 2022 21:53
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 28 00:43:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 00:34:44 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	395738	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1524878	20.000	ng		0.00
39) Acenaphthene-d10	14.621	164	887537	20.000	ng		0.00
64) Phenanthrene-d10	17.356	188	1704228	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1328679	20.000	ng		0.00
86) Perylene-d12	23.944	264	1063755	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	3702725	151.693	ng		0.00
7) Phenol-d6	7.157	99	5184424	166.922	ng		0.00
23) Nitrobenzene-d5	9.163	82	4894672	179.679	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1403338	134.781	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	9595041	159.620	ng		0.00
79) Terphenyl-d14	19.968	244	11071052	164.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	739444	75.178	ng		98
3) Pyridine	3.822	79	2367772m	89.772	ng		
4) n-Nitrosodimethylamine	3.728	42	912580	84.198	ng		95
6) Aniline	7.322	93	3123321	90.809	ng		100
8) 2-Chlorophenol	7.557	128	2096251	80.547	ng		98
9) Benzaldehyde	7.128	77	1191631	72.471	ng		98
10) Phenol	7.187	94	2875628	91.952	ng		98
11) bis(2-Chloroethyl)ether	7.416	93	2179745	84.611	ng		100
12) 1,3-Dichlorobenzene	7.881	146	2234448	77.479	ng		99
13) 1,4-Dichlorobenzene	8.028	146	2284589	77.679	ng		99
14) 1,2-Dichlorobenzene	8.345	146	2174237	76.617	ng		99
15) Benzyl Alcohol	8.239	79	1914827	91.872	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	2594284	75.732	ng		99
17) 2-Methylphenol	8.439	107	1835393	88.659	ng		99
18) Hexachloroethane	9.075	117	820831	77.529	ng		97
19) n-Nitroso-di-n-propyla...	8.816	70	1720531	91.198	ng		97
20) 3+4-Methylphenols	8.775	107	2557050	90.916	ng		99
22) Acetophenone	8.822	105	3242536	89.829	ng	#	98
24) Nitrobenzene	9.204	77	2498351	97.557	ng		97
25) Isophorone	9.739	82	4355269	98.278	ng		99
27) 2,4-Dimethylphenol	9.975	122	1697668	90.729	ng		100
28) bis(2-Chloroethoxy)met...	10.216	93	2518956	79.783	ng		99
29) 2,4-Dichlorophenol	10.451	162	1865360	88.649	ng		99
30) 1,2,4-Trichlorobenzene	10.663	180	1927068	80.814	ng		99
31) Naphthalene	10.857	128	6709682	88.503	ng		99
32) Benzoic acid	10.163	122	1469922	99.102	ng		98
33) 4-Chloroaniline	10.969	127	2798219	91.584	ng		99
34) Hexachlorobutadiene	11.133	225	1054171	75.233	ng		98
35) Caprolactam	11.798	113	643496	99.284	ng		95
36) 4-Chloro-3-methylphenol	12.086	107	2118869	95.801	ng		100
37) 2-Methylnaphthalene	12.457	142	4566157	90.509	ng		99
38) 1-Methylnaphthalene	12.674	142	4459744	90.269	ng		99
40) 1,2,4,5-Tetrachloroben...	12.821	216	1941189	80.674	ng		99
41) Hexachlorocyclopentadiene	12.798	237	973302	76.374	ng		100
43) 2,4,6-Trichlorophenol	13.057	196	1414714	86.404	ng		99
44) 2,4,5-Trichlorophenol	13.133	196	1559859	90.249	ng		98

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46) 1,1'-Biphenyl	13.463	154	5394321	83.398	ng	99
47) 2-Chloronaphthalene	13.504	162	4238668	85.622	ng	99
48) 2-Nitroaniline	13.710	65	1460175	108.233	ng	94
49) Acenaphthylene	14.345	152	6863909	89.697	ng	98
50) Dimethylphthalate	14.086	163	5226947	86.602	ng	99
51) 2,6-Dinitrotoluene	14.204	165	1123970	92.815	ng	86
52) Acenaphthene	14.686	154	4193936m	83.782	ng	
55) Dibenzofuran	15.015	168	6330759	84.454	ng	99
56) 4-Nitrophenol	14.833	139	1095266	96.871	ng	96
58) Fluorene	15.662	166	5321634	89.998	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.239	232	1288218	87.987	ng	98
60) Diethylphthalate	15.439	149	5139935	82.869	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	2360516	80.058	ng	95
63) Azobenzene	15.951	77	5525783	93.714	ng	96
66) n-Nitrosodiphenylamine	15.874	169	4384812	91.142	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	1343119	78.790	ng	98
68) Hexachlorobenzene	16.662	284	1540182	78.745	ng	93
69) Atrazine	16.821	200	1211164	89.971	ng	98
70) Pentachlorophenol	17.004	266	1013837	88.505	ng	99
71) Phenanthrene	17.398	178	7908213	91.083	ng	98
72) Anthracene	17.492	178	7666008	91.199	ng	98
73) Carbazole	17.762	167	7250759	85.133	ng	99
74) Di-n-butylphthalate	18.321	149	8356428	82.191	ng	98
75) Fluoranthene	19.403	202	8413263	86.566	ng	97
77) Benzidine	19.586	184	1841880	92.435	ng	100
78) Pyrene	19.768	202	8635329	104.809	ng	97
81) Benzo(a)anthracene	21.509	228	7102484	86.786	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	2000268	100.659	ng	99
83) Chrysene	21.562	228	6809947	87.537	ng	98
85) Di-n-octyl phthalate	22.368	149	5944020	67.889	ng	97
87) Indeno(1,2,3-cd)pyrene	26.474	276	6378858	85.330	ng	99
88) Benzo(b)fluoranthene	23.209	252	5806699	93.169	ng	99
89) Benzo(k)fluoranthene	23.256	252	5704116	90.616	ng	99
90) Benzo(a)pyrene	23.838	252	4700513	89.890	ng	99
91) Dibenzo(a,h)anthracene	26.491	278	5344537	85.411	ng	100
92) Benzo(g,h,i)perylene	27.256	276	5212529	86.047	ng	99

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

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