Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042722\
Data File : BM034851.D
Acq On : 27 Apr 2022 13:59
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 28 01:11:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 01:07:19 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	164196	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	656650	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	401979	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	797640	20.000	ng		0.00
76) Chrysene-d12	21.480	240	745559	20.000	ng		0.00
86) Perylene-d12	23.874	264	762580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	95339	10.416	ng		0.00
7) Phenol-d6	7.087	99	121475	9.270	ng		0.00
23) Nitrobenzene-d5	9.086	82	117110	8.683	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	38566	7.118	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	279916	9.515	ng		0.00
79) Terphenyl-d14	19.921	244	386400	9.005	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	20772m	5.016	ng		
3) Pyridine	3.804	79	53635m	4.786	ng		
4) n-Nitrosodimethylamine	3.716	42	24114m	4.532	ng		
6) Aniline	7.251	93	70431	4.703	ng		99
8) 2-Chlorophenol	7.492	128	53531	5.000	ng		97
9) Benzaldehyde	7.063	77	44827m	6.349	ng		
10) Phenol	7.116	94	63490	4.871	ng		98
11) bis(2-Chloroethyl)ether	7.351	93	47673	4.456	ng		98
12) 1,3-Dichlorobenzene	7.822	146	63061	5.193	ng		99
13) 1,4-Dichlorobenzene	7.969	146	63886	5.139	ng		98
14) 1,2-Dichlorobenzene	8.286	146	61389	5.066	ng		97
15) Benzyl Alcohol	8.163	79	43972	4.216	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.463	45	82449	5.616	ng		98
17) 2-Methylphenol	8.369	107	42579	4.665	ng		99
18) Hexachloroethane	9.016	117	22731	4.958	ng		96
19) n-Nitroso-di-n-propyla...	8.733	70	39472	4.164	ng		99
20) 3+4-Methylphenols	8.698	107	56777	4.497	ng		96
22) Acetophenone	8.751	105	80579	4.782	ng	#	96
24) Nitrobenzene	9.128	77	61343	4.872	ng		93
25) Isophorone	9.657	82	95430	4.228	ng		98
26) 2-Nitrophenol	9.839	139	22751	4.074	ng		96
27) 2,4-Dimethylphenol	9.904	122	39969	4.571	ng		99
28) bis(2-Chloroethoxy)met...	10.139	93	58275	4.033	ng		98
29) 2,4-Dichlorophenol	10.375	162	43795	4.311	ng		96
30) 1,2,4-Trichlorobenzene	10.598	180	55636	4.818	ng		96
31) Naphthalene	10.780	128	174437	5.099	ng		98
32) Benzoic acid	9.963	122	27082m	3.745	ng		
33) 4-Chloroaniline	10.886	127	65578	4.860	ng		98
34) Hexachlorobutadiene	11.080	225	33581	4.591	ng		99
35) Caprolactam	11.639	113	10781	3.053	ng		98
36) 4-Chloro-3-methylphenol	12.010	107	46050	3.955	ng		97
37) 2-Methylnaphthalene	12.392	142	117436	4.811	ng		99
38) 1-Methylnaphthalene	12.610	142	115273	4.827	ng		100
40) 1,2,4,5-Tetrachloroben...	12.763	216	55452	4.571	ng		97
41) Hexachlorocyclopentadiene	12.745	237	30491	4.341	ng		96
43) 2,4,6-Trichlorophenol	12.998	196	34708	4.144	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	38369	4.268	ng	98
46) 1,1'-Biphenyl	13.398	154	154520	5.041	ng	99
47) 2-Chloronaphthalene	13.439	162	120520	5.123	ng	97
48) 2-Nitroaniline	13.633	65	27765	3.860	ng	93
49) Acenaphthylene	14.280	152	175957	4.799	ng	99
50) Dimethylphthalate	14.015	163	150582	4.922	ng	98
51) 2,6-Dinitrotoluene	14.127	165	27106	4.319	ng	94
52) Acenaphthene	14.627	154	121269	4.910	ng	98
53) 3-Nitroaniline	14.457	138	28206	4.480	ng	100
55) Dibenzofuran	14.957	168	180111	4.893	ng	99
56) 4-Nitrophenol	14.757	139	21387	4.190	ng	96
57) 2,4-Dinitrotoluene	14.915	165	33273	3.923	ng	91
58) Fluorene	15.610	166	143854	4.814	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	33386	4.119	ng	98
60) Diethylphthalate	15.380	149	146267	4.660	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	70025	4.590	ng	98
62) 4-Nitroaniline	15.610	138	27697	4.573	ng	98
63) Azobenzene	15.892	77	133183	4.400	ng	95
66) n-Nitrosodiphenylamine	15.815	169	117891	4.652	ng	97
67) 4-Bromophenyl-phenylether	16.498	248	38480	4.197	ng	100
68) Hexachlorobenzene	16.615	284	45592	4.458	ng	99
69) Atrazine	16.762	200	37308	4.467	ng	97
70) Pentachlorophenol	16.951	266	24267	3.710	ng	93
71) Phenanthrene	17.345	178	228955	5.126	ng	100
72) Anthracene	17.433	178	210337	4.838	ng	99
73) Carbazole	17.703	167	187577	4.626	ng	99
74) Di-n-butylphthalate	18.280	149	221322	4.391	ng	98
75) Fluoranthene	19.356	202	232182	4.637	ng	99
77) Benzidine	19.539	184	103769	9.498	ng	98
78) Pyrene	19.721	202	244194	4.649	ng	99
80) Butylbenzylphthalate	20.621	149	89925	4.048	ng	99
81) Benzo(a)anthracene	21.462	228	249101	5.294	ng	99
82) 3,3'-Dichlorobenzidine	21.397	252	63903	4.066	ng	98
83) Chrysene	21.515	228	242574	5.048	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	143027	4.360	ng	99
85) Di-n-octyl phthalate	22.327	149	234232	4.498	ng	99
87) Indeno(1,2,3-cd)pyrene	26.344	276	283649	5.782	ng	99
88) Benzo(b)fluoranthene	23.144	252	234186	5.136	ng	99
89) Benzo(k)fluoranthene	23.191	252	239808m	4.964	ng	
90) Benzo(a)pyrene	23.762	252	189916	4.913	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	239093	6.011	ng	99
92) Benzo(g,h,i)perylene	27.103	276	231821	5.631	ng	99

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

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