Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036034.D
Acq On : 01 Aug 2022 16:52
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Quant Time: Aug 01 17:21:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 15:55:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	317643	20.000	ng		0.00
21) Naphthalene-d8	10.681	136	1222334	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	719593	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1449654	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1379916	20.000	ng		0.00
86) Perylene-d12	23.797	264	1394141	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	3018658	147.330	ng		0.00
7) Phenol-d6	7.045	99	3866791	150.080	ng		0.00
23) Nitrobenzene-d5	9.045	82	3580891	156.683	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1446545	179.716	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	7640044	150.075	ng		0.00
79) Terphenyl-d14	19.880	244	10537216	148.573	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	598173	70.631	ng	#	92
3) Pyridine	3.710	79	1667145m	74.071	ng		
4) n-Nitrosodimethylamine	3.622	42	670546	71.288	ng	#	61
6) Aniline	7.204	93	2127346	75.187	ng		95
8) 2-Chlorophenol	7.440	128	1602409	75.685	ng		95
9) Benzaldehyde	7.016	77	838412	57.922	ng		94
10) Phenol	7.075	94	1935102	74.575	ng		91
11) bis(2-Chloroethyl)ether	7.304	93	1557320	74.383	ng		96
12) 1,3-Dichlorobenzene	7.757	146	1747951	74.017	ng		98
13) 1,4-Dichlorobenzene	7.910	146	1775710	73.849	ng		99
14) 1,2-Dichlorobenzene	8.228	146	1704966	73.312	ng		98
15) Benzyl Alcohol	8.122	79	1324097	77.996	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.404	45	2032966	74.583	ng		98
17) 2-Methylphenol	8.322	107	1278841	75.913	ng		95
18) Hexachloroethane	8.951	117	656547	75.899	ng		95
19) n-Nitroso-di-n-propyla...	8.698	70	1155248	77.340	ng	#	87
20) 3+4-Methylphenols	8.657	107	1762793	77.423	ng		97
22) Acetophenone	8.704	105	2332841	77.223	ng		93
24) Nitrobenzene	9.087	77	1666668	77.643	ng		96
25) Isophorone	9.616	82	2923918	81.783	ng		98
26) 2-Nitrophenol	9.792	139	851742	88.085	ng		93
27) 2,4-Dimethylphenol	9.857	122	1240101	81.302	ng		98
28) bis(2-Chloroethoxy)met...	10.098	93	2006084	80.617	ng		99
29) 2,4-Dichlorophenol	10.328	162	1412539	83.524	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	1542842	79.050	ng		99
31) Naphthalene	10.728	128	4805085	77.369	ng		99
32) Benzoic acid	10.045	122	1124386	97.469	ng		94
33) 4-Chloroaniline	10.845	127	2020639	81.329	ng		95
34) Hexachlorobutadiene	11.010	225	905773	80.861	ng		98
35) Caprolactam	11.669	113	463101	89.540	ng		93
36) 4-Chloro-3-methylphenol	11.975	107	1482772	85.505	ng		99
37) 2-Methylnaphthalene	12.339	142	3265360	80.822	ng		97
38) 1-Methylnaphthalene	12.557	142	3181506	80.902	ng		97
40) 1,2,4,5-Tetrachloroben...	12.704	216	1592346	77.452	ng		98
41) Hexachlorocyclopentadiene	12.680	237	893788	80.659	ng		97
43) 2,4,6-Trichlorophenol	12.945	196	1117111	82.204	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1178102	82.220	ng		97
46) 1,1'-Biphenyl	13.351	154	4178826	76.339	ng		99
47) 2-Chloronaphthalene	13.392	162	3226381	76.683	ng		100
48) 2-Nitroaniline	13.604	65	973101	83.933	ng		88
49) Acenaphthylene	14.233	152	5080998	78.429	ng		99
50) Dimethylphthalate	13.980	163	3972594	83.872	ng		100
51) 2,6-Dinitrotoluene	14.098	165	845336	85.350	ng		91
52) Acenaphthene	14.574	154	3344479m	86.178	ng		
53) 3-Nitroaniline	14.427	138	1014085	85.041	ng		93
54) 2,4-Dinitrophenol	14.633	184	508162	104.124	ng		87
55) Dibenzofuran	14.910	168	4857743	78.126	ng		98
56) 4-Nitrophenol	14.733	139	829168	88.622	ng		86
57) 2,4-Dinitrotoluene	14.880	165	1163514	89.767	ng		98
58) Fluorene	15.557	166	3861326	79.093	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.133	232	977039	84.830	ng		97
60) Diethylphthalate	15.339	149	4099279	87.343	ng		99
61) 4-Chlorophenyl-phenyle...	15.551	204	1934350	81.435	ng		97
62) 4-Nitroaniline	15.592	138	1066079	87.311	ng		91
63) Azobenzene	15.845	77	3904657	81.025	ng		94
65) 4,6-Dinitro-2-methylph...	15.645	198	698508	95.955	ng		93
66) n-Nitrosodiphenylamine	15.768	169	3326703	78.151	ng		100
67) 4-Bromophenyl-phenylether	16.445	248	1192734	81.846	ng		95
68) Hexachlorobenzene	16.551	284	1352102	79.927	ng		95
69) Atrazine	16.721	200	751629	67.196	ng		98
70) Pentachlorophenol	16.898	266	825900	87.982	ng		99
71) Phenanthrene	17.292	178	5915363	77.568	ng		98
72) Anthracene	17.386	178	5817159	78.477	ng		99
73) Carbazole	17.657	167	5885311	78.270	ng		100
74) Di-n-butylphthalate	18.221	149	7096761	92.698	ng		99
75) Fluoranthene	19.309	202	6775364	81.738	ng		98
77) Benzidine	19.498	184	1521028	62.782	ng		99
78) Pyrene	19.668	202	6972399	77.276	ng		98
80) Butylbenzylphthalate	20.574	149	3186269	98.927	ng		96
81) Benzo(a)anthracene	21.415	228	6851430	78.435	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	1639621	80.132	ng		99
83) Chrysene	21.474	228	6441548	77.280	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	4631196	102.014	ng	#	97
85) Di-n-octyl phthalate	22.268	149	7699049	106.899	ng		96
87) Indeno(1,2,3-cd)pyrene	26.274	276	8152795	80.037	ng		99
88) Benzo(b)fluoranthene	23.080	252	6676236	80.449	ng		98
89) Benzo(k)fluoranthene	23.133	252	6693254	77.937	ng		99
90) Benzo(a)pyrene	23.697	252	5714483	80.899	ng		98
91) Dibenzo(a,h)anthracene	26.285	278	6794594	80.269	ng		99
92) Benzo(g,h,i)perylene	27.032	276	6655935	79.733	ng		99

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

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