Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033774.D
Acq On : 18 Jan 2022 21:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 01/19/2022
Supervised By :Jagrut Upadhyay 01/19/2022

Quant Time: Jan 19 04:22:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	215207	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	961031	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	654517	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1392111	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1326513	20.000	ng		0.00
86) Perylene-d12	23.894	264	1249778	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	963672	75.242	ng		0.00
7) Phenol-d6	7.113	99	1365896	75.700	ng		0.00
23) Nitrobenzene-d5	9.119	82	1415312	72.474	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	609078	68.639	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	3238810	69.616	ng		0.00
79) Terphenyl-d14	19.936	244	5240223	65.509	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	190280	38.023	ng	#	92
3) Pyridine	3.749	79	551650	38.169	ng		93
4) n-Nitrosodimethylamine	3.655	42	256079	37.775	ng	#	65
6) Aniline	7.272	93	786859	37.568	ng		95
8) 2-Chlorophenol	7.513	128	549572	37.039	ng		89
9) Benzaldehyde	7.078	77	388841	41.393	ng		91
10) Phenol	7.137	94	692332	38.259	ng		91
11) bis(2-Chloroethyl)ether	7.366	93	536747	36.880	ng		95
12) 1,3-Dichlorobenzene	7.843	146	598328	36.455	ng		95
13) 1,4-Dichlorobenzene	7.984	146	616850	36.531	ng		96
14) 1,2-Dichlorobenzene	8.307	146	600750	36.484	ng		98
15) Benzyl Alcohol	8.190	79	564589	37.004	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.484	45	784212	38.933	ng		98
17) 2-Methylphenol	8.395	107	490288	37.297	ng		94
18) Hexachloroethane	9.043	117	229218	36.712	ng		94
19) n-Nitroso-di-n-propyla...	8.766	70	477034	36.902	ng		89
20) 3+4-Methylphenols	8.725	107	691636	37.656	ng		94
22) Acetophenone	8.778	105	918030	36.181	ng	#	92
24) Nitrobenzene	9.160	77	670476	36.488	ng		91
25) Isophorone	9.695	82	1243139	36.146	ng		98
26) 2-Nitrophenol	9.872	139	324125	36.516	ng	#	85
27) 2,4-Dimethylphenol	9.937	122	486677	35.908	ng		95
28) bis(2-Chloroethoxy)met...	10.172	93	792516	36.166	ng		98
29) 2,4-Dichlorophenol	10.413	162	554144	35.759	ng		98
30) 1,2,4-Trichlorobenzene	10.631	180	592988	35.365	ng		98
31) Naphthalene	10.819	128	1854632	35.750	ng		100
32) Benzoic acid	10.089	122	425776	39.146	ng		91
33) 4-Chloroaniline	10.919	127	782891	36.266	ng		93
34) Hexachlorobutadiene	11.113	225	381077	34.682	ng		96
35) Caprolactam	11.719	113	203160	36.815	ng	#	80
36) 4-Chloro-3-methylphenol	12.048	107	691935	36.253	ng		97
37) 2-Methylnaphthalene	12.425	142	1303824	35.082	ng		99
38) 1-Methylnaphthalene	12.642	142	1277538	35.215	ng		100
40) 1,2,4,5-Tetrachloroben...	12.795	216	658625	34.775	ng		99
41) Hexachlorocyclopentadiene	12.778	237	400229	34.334	ng		99
43) 2,4,6-Trichlorophenol	13.030	196	484876	35.854	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	526284	36.138	ng		96
46) 1,1'-Biphenyl	13.430	154	1752606	35.381	ng		98
47) 2-Chloronaphthalene	13.472	162	1348630	35.679	ng		98
48) 2-Nitroaniline	13.666	65	470614	38.069	ng	#	85
49) Acenaphthylene	14.313	152	2181154	35.813	ng		99
50) Dimethylphthalate	14.048	163	1826316	35.415	ng		99
51) 2,6-Dinitrotoluene	14.160	165	380086	36.526	ng		92
52) Acenaphthene	14.654	154	1469047m	36.083	ng		
53) 3-Nitroaniline	14.489	138	421024	36.997	ng		89
54) 2,4-Dinitrophenol	14.689	184	234873	37.288	ng		91
55) Dibenzofuran	14.983	168	2144871	35.257	ng		97
56) 4-Nitrophenol	14.789	139	362387	38.807	ng	#	85
57) 2,4-Dinitrotoluene	14.942	165	545248	37.661	ng		86
58) Fluorene	15.630	166	1670146	34.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	472363	35.568	ng		99
60) Diethylphthalate	15.407	149	1936342	35.811	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	875110	34.909	ng		97
62) 4-Nitroaniline	15.648	138	454070	37.992	ng		90
63) Azobenzene	15.919	77	1837332	36.958	ng		93
65) 4,6-Dinitro-2-methylph...	15.707	198	337020	36.962	ng		86
66) n-Nitrosodiphenylamine	15.836	169	1525783	35.217	ng		98
67) 4-Bromophenyl-phenylether	16.518	248	532577	33.671	ng		98
68) Hexachlorobenzene	16.636	284	585776	33.925	ng		96
69) Atrazine	16.783	200	568639	35.037	ng		100
70) Pentachlorophenol	16.971	266	401560	36.185	ng		99
71) Phenanthrene	17.366	178	2718384	35.077	ng		99
72) Anthracene	17.460	178	2704211	35.480	ng		99
73) Carbazole	17.724	167	2692682	36.198	ng		99
74) Di-n-butylphthalate	18.289	149	3407577	36.345	ng		99
75) Fluoranthene	19.371	202	3157167	36.382	ng		98
77) Benzidine	19.554	184	1264636	37.576	ng		99
78) Pyrene	19.736	202	3226397	32.922	ng		98
80) Butylbenzylphthalate	20.624	149	1606401	35.602	ng		95
81) Benzo(a)anthracene	21.471	228	3170970	36.117	ng		98
82) 3,3'-Dichlorobenzidine	21.401	252	1128908	35.957	ng		100
83) Chrysene	21.524	228	3024578	36.066	ng		99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2338037	35.860	ng		99
85) Di-n-octyl phthalate	22.324	149	4054558	38.701	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.412	276	2861636	34.440	ng		98
88) Benzo(b)fluoranthene	23.159	252	2919413	36.592	ng		98
89) Benzo(k)fluoranthene	23.206	252	2909917	36.419	ng		100
90) Benzo(a)pyrene	23.789	252	2376660	36.442	ng		99
91) Dibenzo(a,h)anthracene	26.430	278	2426920	34.577	ng		97
92) Benzo(g,h,i)perylene	27.183	276	2265624	33.921	ng		96

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

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