Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011722\
Data File : BM033749.D
Acq On : 17 Jan 2022 14:53
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

Quant Time: Jan 17 16:14:19 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 16:10:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	173413	20.000	ng		0.00
21) Naphthalene-d8	10.772	136	740254	20.000	ng		0.00
39) Acenaphthene-d10	14.595	164	502711	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	1075203	20.000	ng		0.00
76) Chrysene-d12	21.500	240	1042571	20.000	ng		0.00
86) Perylene-d12	23.906	264	944002	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	1139585	103.642	ng		0.00
7) Phenol-d6	7.119	99	1641833	110.791	ng		0.00
23) Nitrobenzene-d5	9.125	82	1730763	107.978	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	812881	154.815	ng		0.00
45) 2-Fluorobiphenyl	13.230	172	4014502	104.596	ng		0.00
79) Terphenyl-d14	19.948	244	6598319	113.920	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	216140	43.858	ng	#	91
3) Pyridine	3.749	79	658232	51.582	ng		92
4) n-Nitrosodimethylamine	3.655	42	301078	47.225	ng	#	68
6) Aniline	7.278	93	962730	57.351	ng		95
8) 2-Chlorophenol	7.519	128	668602	55.607	ng		89
9) Benzaldehyde	7.084	77	418141	39.651	ng		92
10) Phenol	7.148	94	821609	55.144	ng		92
11) bis(2-Chloroethyl)ether	7.372	93	644455	54.832	ng		92
12) 1,3-Dichlorobenzene	7.843	146	732033	54.473	ng		95
13) 1,4-Dichlorobenzene	7.995	146	745231	54.225	ng		96
14) 1,2-Dichlorobenzene	8.313	146	730778	54.984	ng		98
15) Benzyl Alcohol	8.201	79	702578	58.077	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.495	45	887941	50.097	ng		96
17) 2-Methylphenol	8.401	107	598498	58.192	ng		94
18) Hexachloroethane	9.048	117	280127	53.793	ng		95
19) n-Nitroso-di-n-propyla...	8.778	70	575701	59.460	ng	#	90
20) 3+4-Methylphenols	8.737	107	840410	59.812	ng		95
22) Acetophenone	8.784	105	1105863	55.702	ng	#	92
24) Nitrobenzene	9.166	77	815690	53.515	ng		91
25) Isophorone	9.701	82	1520817	58.574	ng		98
26) 2-Nitrophenol	9.878	139	411485	64.072	ng	#	85
27) 2,4-Dimethylphenol	9.942	122	605891	56.513	ng		95
28) bis(2-Chloroethoxy)met...	10.178	93	945761	55.255	ng		98
29) 2,4-Dichlorophenol	10.419	162	696523	59.337	ng		99
30) 1,2,4-Trichlorobenzene	10.636	180	736449	56.169	ng		98
31) Naphthalene	10.825	128	2259477	55.691	ng		99
32) Benzoic acid	10.119	122	550997	73.036	ng	#	85
33) 4-Chloroaniline	10.925	127	965200	60.293	ng		94
34) Hexachlorobutadiene	11.119	225	482986	56.398	ng		96
35) Caprolactam	11.742	113	255723m	78.546	ng		
36) 4-Chloro-3-methylphenol	12.060	107	853636	62.604	ng		96
37) 2-Methylnaphthalene	12.430	142	1616805	58.974	ng		99
38) 1-Methylnaphthalene	12.648	142	1580666	59.321	ng		100
40) 1,2,4,5-Tetrachloroben...	12.801	216	836397	52.630	ng		99
41) Hexachlorocyclopentadiene	12.783	237	532595	53.275	ng		99
43) 2,4,6-Trichlorophenol	13.036	196	612550	59.085	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.107	196	658920	60.074	ng		96
46) 1,1'-Biphenyl	13.436	154	2154269	52.463	ng		98
47) 2-Chloronaphthalene	13.477	162	1666223	54.038	ng		98
48) 2-Nitroaniline	13.672	65	580951	60.063	ng	#	86
49) Acenaphthylene	14.319	152	2712014	56.361	ng		99
50) Dimethylphthalate	14.060	163	2271927	58.216	ng		98
51) 2,6-Dinitrotoluene	14.172	165	473732	62.680	ng		86
52) Acenaphthene	14.660	154	1827412m	58.383	ng		
53) 3-Nitroaniline	14.495	138	530330	65.749	ng		90
54) 2,4-Dinitrophenol	14.701	184	326447	93.583	ng	#	86
55) Dibenzofuran	14.995	168	2664011	56.779	ng		97
56) 4-Nitrophenol	14.801	139	453431	70.932	ng	#	85
57) 2,4-Dinitrotoluene	14.954	165	680228	70.485	ng	#	83
58) Fluorene	15.642	166	2106396	58.606	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.218	232	600280	64.815	ng		99
60) Diethylphthalate	15.413	149	2402323	59.755	ng		99
61) 4-Chlorophenyl-phenyle...	15.630	204	1103888	59.523	ng		96
62) 4-Nitroaniline	15.660	138	572963	72.929	ng		89
63) Azobenzene	15.924	77	2217288	55.787	ng		93
65) 4,6-Dinitro-2-methylph...	15.713	198	449139	76.081	ng		86
66) n-Nitrosodiphenylamine	15.842	169	1903901	52.397	ng		99
67) 4-Bromophenyl-phenylether	16.524	248	696041	58.525	ng		98
68) Hexachlorobenzene	16.642	284	762741	56.314	ng		97
69) Atrazine	16.795	200	726929	58.315	ng		100
70) Pentachlorophenol	16.983	266	528990	64.222	ng		99
71) Phenanthrene	17.377	178	3394862	55.178	ng		99
72) Anthracene	17.465	178	3378581	55.983	ng		99
73) Carbazole	17.730	167	3347789	58.841	ng		99
74) Di-n-butylphthalate	18.301	149	4252807	57.907	ng		100
75) Fluoranthene	19.383	202	3956046	61.248	ng		99
77) Benzidine	19.559	184	1301259	41.586	ng		99
78) Pyrene	19.742	202	4068967	55.433	ng		98
80) Butylbenzylphthalate	20.636	149	2005850	61.181	ng		92
81) Benzo(a)anthracene	21.483	228	3921933	55.475	ng		98
82) 3,3'-Dichlorobenzidine	21.412	252	1427666	56.926	ng		98
83) Chrysene	21.536	228	3746459	55.376	ng		99
84) Bis(2-ethylhexyl)phtha...	21.412	149	2913290	58.334	ng		98
85) Di-n-octyl phthalate	22.342	149	4982791	61.353	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.441	276	3300372	47.410	ng		99
88) Benzo(b)fluoranthene	23.177	252	3529895	58.650	ng		99
89) Benzo(k)fluoranthene	23.224	252	3472164	59.525	ng		99
90) Benzo(a)pyrene	23.806	252	2854113	57.138	ng		99
91) Dibenzo(a,h)anthracene	26.459	278	2810984	48.615	ng		96
92) Benzo(g,h,i)perylene	27.224	276	2602089	45.773	ng		99

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

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