Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011722\
Data File : BM033747.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 17 16:12:58 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

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	182937	20.000	ng		0.00
21) Naphthalene-d8	10.772	136	826082	20.000	ng		0.00
39) Acenaphthene-d10	14.595	164	570051	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	1188243	20.000	ng		0.00
76) Chrysene-d12	21.494	240	1006623	20.000	ng		0.00
86) Perylene-d12	23.906	264	843710	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	802947	69.224	ng		0.00
7) Phenol-d6	7.119	99	1153360	73.777	ng		0.00
23) Nitrobenzene-d5	9.125	82	1221465	68.287	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	556698	93.500	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	2875609	66.072	ng		0.00
79) Terphenyl-d14	19.942	244	4406512	78.795	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	152624	29.357	ng	#	92
3) Pyridine	3.754	79	458640	34.070	ng		92
4) n-Nitrosodimethylamine	3.654	42	217126	32.284	ng	#	74
6) Aniline	7.278	93	666539	37.639	ng		95
8) 2-Chlorophenol	7.519	128	469907	37.047	ng		89
9) Benzaldehyde	7.084	77	321766	28.924	ng		90
10) Phenol	7.143	94	581862	37.020	ng		92
11) bis(2-Chloroethyl)ether	7.372	93	454092	36.624	ng		94
12) 1,3-Dichlorobenzene	7.842	146	512600	36.158	ng		94
13) 1,4-Dichlorobenzene	7.989	146	526132	36.290	ng		97
14) 1,2-Dichlorobenzene	8.313	146	514684	36.709	ng		98
15) Benzyl Alcohol	8.195	79	488106	38.248	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.495	45	630395	33.715	ng		96
17) 2-Methylphenol	8.401	107	423473	39.030	ng		94
18) Hexachloroethane	9.048	117	193425	35.210	ng		96
19) n-Nitroso-di-n-propyla...	8.772	70	407627	39.909	ng	#	90
20) 3+4-Methylphenols	8.737	107	590005	39.805	ng		94
22) Acetophenone	8.784	105	791143	35.709	ng	#	93
24) Nitrobenzene	9.166	77	571403	33.593	ng	#	90
25) Isophorone	9.701	82	1067290	36.836	ng		97
26) 2-Nitrophenol	9.878	139	285496	39.835	ng	#	85
27) 2,4-Dimethylphenol	9.942	122	427188	35.705	ng		94
28) bis(2-Chloroethoxy)met...	10.178	93	670742	35.116	ng		97
29) 2,4-Dichlorophenol	10.419	162	488156	37.265	ng		99
30) 1,2,4-Trichlorobenzene	10.636	180	520561	35.578	ng		97
31) Naphthalene	10.825	128	1605904	35.469	ng		100
32) Benzoic acid	10.095	122	364841	43.336	ng	#	86
33) 4-Chloroaniline	10.925	127	678093	37.957	ng		93
34) Hexachlorobutadiene	11.119	225	339676	35.543	ng		95
35) Caprolactam	11.725	113	173138	47.655	ng	#	76
36) 4-Chloro-3-methylphenol	12.054	107	598672	39.343	ng		99
37) 2-Methylnaphthalene	12.430	142	1143728	37.384	ng		99
38) 1-Methylnaphthalene	12.648	142	1116302	37.541	ng		98
40) 1,2,4,5-Tetrachloroben...	12.801	216	587912	32.624	ng		99
41) Hexachlorocyclopentadiene	12.783	237	372491	32.858	ng		99
43) 2,4,6-Trichlorophenol	13.036	196	426302	36.262	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.107	196	457846	36.811	ng		97
46) 1,1'-Biphenyl	13.436	154	1538539	33.042	ng		98
47) 2-Chloronaphthalene	13.477	162	1176088	33.637	ng		99
48) 2-Nitroaniline	13.671	65	401003	36.561	ng	#	84
49) Acenaphthylene	14.319	152	1888777	34.616	ng		99
50) Dimethylphthalate	14.054	163	1592311	35.982	ng		99
51) 2,6-Dinitrotoluene	14.166	165	327646	38.230	ng		91
52) Acenaphthene	14.660	154	1279865m	36.060	ng		
53) 3-Nitroaniline	14.495	138	363811	39.776	ng		90
54) 2,4-Dinitrophenol	14.695	184	209636	52.998	ng		89
55) Dibenzofuran	14.989	168	1871646	35.179	ng		97
56) 4-Nitrophenol	14.801	139	302864	41.781	ng	#	84
57) 2,4-Dinitrotoluene	14.948	165	461819	42.200	ng		85
58) Fluorene	15.636	166	1483352	36.396	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.218	232	414956	39.512	ng		99
60) Diethylphthalate	15.413	149	1680624	36.865	ng		99
61) 4-Chlorophenyl-phenyle...	15.630	204	766986	36.472	ng		95
62) 4-Nitroaniline	15.654	138	385336	43.253	ng		90
63) Azobenzene	15.924	77	1552742	34.452	ng		94
65) 4,6-Dinitro-2-methylph...	15.713	198	299348	45.884	ng		84
66) n-Nitrosodiphenylamine	15.842	169	1324401	32.981	ng		99
67) 4-Bromophenyl-phenylether	16.524	248	480026	36.522	ng		98
68) Hexachlorobenzene	16.642	284	518431	34.635	ng		97
69) Atrazine	16.795	200	498604	36.194	ng		99
70) Pentachlorophenol	16.983	266	353209	38.802	ng		98
71) Phenanthrene	17.371	178	2347993	34.533	ng		99
72) Anthracene	17.465	178	2337388	35.046	ng		99
73) Carbazole	17.730	167	2279651	36.256	ng		99
74) Di-n-butylphthalate	18.301	149	2910137	35.856	ng		99
75) Fluoranthene	19.383	202	2650507	37.132	ng		99
77) Benzidine	19.553	184	899933	29.788	ng		99
78) Pyrene	19.742	202	2710774	38.249	ng		99
80) Butylbenzylphthalate	20.636	149	1264941	39.960	ng		91
81) Benzo(a)anthracene	21.483	228	2411440	35.328	ng		99
82) 3,3'-Dichlorobenzidine	21.406	252	855027	35.310	ng		98
83) Chrysene	21.536	228	2267008	34.705	ng		100
84) Bis(2-ethylhexyl)phtha...	21.412	149	1804989	37.433	ng	#	98
85) Di-n-octyl phthalate	22.336	149	2858823	36.458	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.435	276	2004854	32.223	ng		99
88) Benzo(b)fluoranthene	23.171	252	1970616	36.634	ng		99
89) Benzo(k)fluoranthene	23.218	252	1978007	37.941	ng		99
90) Benzo(a)pyrene	23.800	252	1614522	36.164	ng		99
91) Dibenzo(a,h)anthracene	26.447	278	1705192	32.996	ng		98
92) Benzo(g,h,i)perylene	27.206	276	1618628	31.858	ng		98

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

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