Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033551.D
Acq On : 21 Dec 2021 12:22
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 21 14:03:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 21 14:01:11 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.907	152	25048	20.000	ng		0.00
21) Naphthalene-d8	10.719	136	107764	20.000	ng	#	0.00
39) Acenaphthene-d10	14.554	164	76167	20.000	ng		0.00
64) Phenanthrene-d10	17.307	188	171396	20.000	ng	#	0.00
76) Chrysene-d12	21.483	240	150008	20.000	ng	#	0.00
86) Perylene-d12	23.877	264	138446	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.472	112	57983	39.944	ng		0.00
7) Phenol-d6	7.078	99	81964	42.075	ng		0.00
23) Nitrobenzene-d5	9.078	82	101846	40.580	ng		0.00
42) 2,4,6-Tribromophenol	16.048	330	38261	44.656	ng		0.00
45) 2-Fluorobiphenyl	13.177	172	213468	38.769	ng		0.00
79) Terphenyl-d14	19.924	244	363560	38.156	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	11728	18.548	ng		96
3) Pyridine	3.772	79	30629	19.807	ng	#	83
4) n-Nitrosodimethylamine	3.684	42	23530	21.393	ng		88
6) Aniline	7.237	93	46747	21.012	ng		96
8) 2-Chlorophenol	7.472	128	32900	20.907	ng		97
9) Benzaldehyde	7.054	77	27451	19.515	ng		95
10) Phenol	7.107	94	40159	20.406	ng		84
11) bis(2-Chloroethyl)ether	7.337	93	31245	20.149	ng		98
12) 1,3-Dichlorobenzene	7.795	146	38792	20.291	ng	#	93
13) 1,4-Dichlorobenzene	7.942	146	38608	19.678	ng		96
14) 1,2-Dichlorobenzene	8.260	146	38032	19.760	ng		99
15) Benzyl Alcohol	8.160	79	38763	22.077	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.442	45	56121	20.354	ng		99
17) 2-Methylphenol	8.360	107	29091	20.800	ng	#	90
18) Hexachloroethane	8.989	117	16177	19.789	ng		96
19) n-Nitroso-di-n-propyla...	8.725	70	31924	20.786	ng		95
20) 3+4-Methylphenols	8.689	107	40384	21.646	ng		90
22) Acetophenone	8.742	105	58657	20.104	ng	#	89
24) Nitrobenzene	9.119	77	48758	19.778	ng		97
25) Isophorone	9.648	82	78318	19.274	ng	#	98
26) 2-Nitrophenol	9.836	139	18972	22.033	ng		93
27) 2,4-Dimethylphenol	9.895	122	27445	19.394	ng		94
28) bis(2-Chloroethoxy)met...	10.136	93	44074	19.747	ng		98
29) 2,4-Dichlorophenol	10.372	162	33576	20.802	ng		96
30) 1,2,4-Trichlorobenzene	10.578	180	39750	19.422	ng		97
31) Naphthalene	10.772	128	113677	19.473	ng		98
32) Benzoic acid	10.025	122	21069	23.814	ng		98
33) 4-Chloroaniline	10.889	127	42225	22.358	ng		99
34) Hexachlorobutadiene	11.048	225	27634	19.366	ng		95
35) Caprolactam	11.695	113	7094	22.248	ng	#	76
36) 4-Chloro-3-methylphenol	12.013	107	42651	20.588	ng		95
37) 2-Methylnaphthalene	12.383	142	80802	20.009	ng	#	93
38) 1-Methylnaphthalene	12.601	142	80011	19.864	ng		98
40) 1,2,4,5-Tetrachloroben...	12.748	216	44775	20.407	ng		98
41) Hexachlorocyclopentadiene	12.719	237	25553	26.930	ng		97
43) 2,4,6-Trichlorophenol	12.995	196	30918	21.073	ng		97

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44) 2,4,5-Trichlorophenol	13.066	196	33498	21.394	ng		97
46) 1,1'-Biphenyl	13.389	154	112500	19.947	ng		98
47) 2-Chloronaphthalene	13.430	162	86964	19.947	ng		98
48) 2-Nitroaniline	13.648	65	33245	22.382	ng		93
49) Acenaphthylene	14.277	152	137702	19.936	ng		98
50) Dimethylphthalate	14.019	163	117453	20.358	ng		100
51) 2,6-Dinitrotoluene	14.142	165	22781	20.893	ng	#	68
52) Acenaphthene	14.618	154	84227	20.078	ng		93
53) 3-Nitroaniline	14.471	138	23161	22.649	ng		100
54) 2,4-Dinitrophenol	14.683	184	14424	30.340	ng		84
55) Dibenzofuran	14.954	168	144223	20.287	ng		92
56) 4-Nitrophenol	14.789	139	16062	22.289	ng	#	76
57) 2,4-Dinitrotoluene	14.930	165	32668	21.908	ng		95
58) Fluorene	15.607	166	114440	20.058	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.183	232	30927	21.710	ng		96
60) Diethylphthalate	15.377	149	126836	20.444	ng		99
61) 4-Chlorophenyl-phenyle...	15.601	204	61120	20.634	ng		96
62) 4-Nitroaniline	15.642	138	23380m	25.187	ng		
63) Azobenzene	15.889	77	143210	20.576	ng		93
65) 4,6-Dinitro-2-methylph...	15.689	198	22754	26.105	ng		96
66) n-Nitrosodiphenylamine	15.818	169	99160	19.488	ng		99
67) 4-Bromophenyl-phenylether	16.495	248	36962	19.765	ng	#	91
68) Hexachlorobenzene	16.601	284	39461	19.651	ng		95
69) Atrazine	16.771	200	23022	21.341	ng		98
70) Pentachlorophenol	16.954	266	23929	21.229	ng		97
71) Phenanthrene	17.348	178	187729	19.680	ng		99
72) Anthracene	17.436	178	183141	19.638	ng		99
73) Carbazole	17.712	167	178112	21.632	ng		99
74) Di-n-butylphthalate	18.271	149	216455	18.910	ng	#	98
75) Fluoranthene	19.359	202	217429	19.814	ng		96
77) Benzidine	19.559	184	29280	41.746	ng		97
78) Pyrene	19.724	202	220370	18.619	ng		97
80) Butylbenzylphthalate	20.618	149	97416	18.391	ng		97
81) Benzo(a)anthracene	21.465	228	205828	20.472	ng		98
82) 3,3'-Dichlorobenzidine	21.406	252	94291	23.920	ng		98
83) Chrysene	21.518	228	195085	20.153	ng		100
84) Bis(2-ethylhexyl)phtha...	21.389	149	131338	16.917	ng		100
85) Di-n-octyl phthalate	22.312	149	215056	17.040	ng		99
87) Indeno(1,2,3-cd)pyrene	26.359	276	193648	30.338	ng	#	93
88) Benzo(b)fluoranthene	23.147	252	177432	19.986	ng	#	97
89) Benzo(k)fluoranthene	23.194	252	175270	19.518	ng	#	96
90) Benzo(a)pyrene	23.771	252	147900	22.262	ng		98
91) Dibenzo(a,h)anthracene	26.377	278	162494	33.940	ng		97
92) Benzo(g,h,i)perylene	27.124	276	161615	26.250	ng	#	94

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

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