Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110121\
Data File : BM032832.D
Acq On : 01 Nov 2021 14:14
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 01 16:52:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 16:50:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152	137427	20.000	ng		0.00
21) Naphthalene-d8	10.278	136	607093	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	408824	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	865090	20.000	ng		0.00
76) Chrysene-d12	21.077	240	856963	20.000	ng		0.00
86) Perylene-d12	23.194	264	856361	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	86267	10.577	ng		0.00
7) Phenol-d6	6.695	99	132316	11.863	ng		0.00
23) Nitrobenzene-d5	8.648	82	130118	11.921	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	49282	10.768	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	328907	11.962	ng		0.00
79) Terphenyl-d14	19.524	244	512717	12.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.919	88	15295	4.406	ng		94
3) Pyridine	3.331	79	44165	4.702	ng		88
4) n-Nitrosodimethylamine	3.243	42	18242	4.843	ng		96
6) Aniline	6.825	93	73340	5.951	ng		94
8) 2-Chlorophenol	7.066	128	52564	5.913	ng		95
9) Benzaldehyde	6.631	77	44044m	6.766	ng		
10) Phenol	6.719	94	63352	5.899	ng		87
11) bis(2-Chloroethyl)ether	6.919	93	53065	6.213	ng		98
12) 1,3-Dichlorobenzene	7.389	146	59343m	5.922	ng		
13) 1,4-Dichlorobenzene	7.531	146	60476	5.930	ng		97
14) 1,2-Dichlorobenzene	7.848	146	61997	6.333	ng		95
15) Benzyl Alcohol	7.742	79	44380	5.809	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.031	45	82276	7.603	ng		99
17) 2-Methylphenol	7.960	107	43882	6.046	ng		92
18) Hexachloroethane	8.572	117	23346	6.724	ng		93
19) n-Nitroso-di-n-propyla...	8.301	70	42144	6.950	ng		90
20) 3+4-Methylphenols	8.289	107	59787	6.106	ng		95
22) Acetophenone	8.313	105	87765	5.999	ng		93
24) Nitrobenzene	8.689	77	61558	5.847	ng		92
25) Isophorone	9.207	82	110841	6.111	ng		98
26) 2-Nitrophenol	9.401	139	25041	5.112	ng	#	83
27) 2,4-Dimethylphenol	9.483	122	42674	5.164	ng		96
28) bis(2-Chloroethoxy)met...	9.695	93	74509	5.713	ng		99
29) 2,4-Dichlorophenol	9.942	162	46488	5.051	ng		93
30) 1,2,4-Trichlorobenzene	10.148	180	58641	5.617	ng		98
31) Naphthalene	10.325	128	183005	5.875	ng		98
33) 4-Chloroaniline	10.442	127	69399	5.397	ng		97
34) Hexachlorobutadiene	10.630	225	37127	5.951	ng		96
35) Caprolactam	11.177	113	15058	5.338	ng		92
36) 4-Chloro-3-methylphenol	11.589	107	54516	5.502	ng		95
37) 2-Methylnaphthalene	11.948	142	124104	5.862	ng		95
38) 1-Methylnaphthalene	12.172	142	121798	5.887	ng		96
40) 1,2,4,5-Tetrachloroben...	12.336	216	65266	5.542	ng	#	95
41) Hexachlorocyclopentadiene	12.324	237	33462	5.961	ng		96
43) 2,4,6-Trichlorophenol	12.583	196	40334	4.950	ng		95
44) 2,4,5-Trichlorophenol	12.654	196	44318	5.060	ng	#	93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	12.977	154	172616	5.722	ng		100
47)	2-Chloronaphthalene	13.019	162	129224	5.585	ng		98
48)	2-Nitroaniline	13.230	65	33225	5.282	ng		96
49)	Acenaphthylene	13.871	152	204681	5.698	ng		100
50)	Dimethylphthalate	13.613	163	165724	5.740	ng		99
51)	2,6-Dinitrotoluene	13.730	165	30439	5.205	ng	#	74
52)	Acenaphthene	14.218	154	128305	5.415	ng		97
53)	3-Nitroaniline	14.060	138	31336	4.769	ng		96
55)	Dibenzofuran	14.554	168	214248	5.940	ng		93
56)	4-Nitrophenol	14.395	139	23155	4.273	ng	#	79
57)	2,4-Dinitrotoluene	14.524	165	38834	5.038	ng	#	68
58)	Fluorene	15.207	166	165159	6.020	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.795	232	42172	5.589	ng	#	83
60)	Diethylphthalate	14.983	149	163499	5.769	ng		96
61)	4-Chlorophenyl-phenyle...	15.201	204	86366	6.077	ng		92
62)	4-Nitroaniline	15.224	138	28950	4.414	ng	#	80
63)	Azobenzene	15.495	77	159749	5.921	ng		88
65)	4,6-Dinitro-2-methylph...	15.295	198	20261	4.161	ng		85
66)	n-Nitrosodiphenylamine	15.418	169	141935	5.557	ng		96
67)	4-Bromophenyl-phenylether	16.095	248	49297	5.475	ng		88
68)	Hexachlorobenzene	16.224	284	57158	5.767	ng	#	81
69)	Atrazine	16.365	200	45355	5.214	ng		96
70)	Pentachlorophenol	16.565	266	28449	4.650	ng		96
71)	Phenanthrene	16.936	178	272574	6.003	ng		99
72)	Anthracene	17.024	178	256470	5.781	ng		99
73)	Carbazole	17.295	167	249350	5.660	ng		97
74)	Di-n-butylphthalate	17.859	149	247058	5.220	ng	#	98
75)	Fluoranthene	18.953	202	303670	6.031	ng		99
77)	Benzidine	19.142	184	108023	5.074	ng		98
78)	Pyrene	19.312	202	322363	5.547	ng		99
80)	Butylbenzylphthalate	20.218	149	103604	4.694	ng		92
81)	Benzo(a)anthracene	21.059	228	314722	5.875	ng		100
82)	3,3'-Dichlorobenzidine	21.000	252	91209	5.405	ng		99
83)	Chrysene	21.112	228	315809	6.094	ng		99
84)	Bis(2-ethylhexyl)phtha...	20.994	149	147545	4.958	ng		94
85)	Di-n-octyl phthalate	21.836	149	243581	4.881	ng		94
87)	Indeno(1,2,3-cd)pyrene	25.271	276	317315	6.013	ng		96
88)	Benzo(b)fluoranthene	22.565	252	284346	5.458	ng		98
89)	Benzo(k)fluoranthene	22.606	252	307374	6.040	ng		99
90)	Benzo(a)pyrene	23.100	252	239556	5.671	ng	#	97
91)	Dibenzo(a,h)anthracene	25.277	278	263541	5.924	ng	#	95
92)	Benzo(g,h,i)perylene	25.912	276	257641	5.858	ng	#	93

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

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