Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100121\
Data File : BM032297.D
Acq On : 30 Sep 2021 16:27
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
10/1/2021 11:31:35 AM

Quant Time: Sep 30 19:03:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 19:01:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	308447	20.000	ng		0.00
21) Naphthalene-d8	10.436	136	1291238	20.000	ng	#	0.00
39) Acenaphthene-d10	14.289	164	838973	20.000	ng		0.00
64) Phenanthrene-d10	17.018	188	1741371	20.000	ng	#	0.00
76) Chrysene-d12	21.183	240	1801041	20.000	ng		0.00
86) Perylene-d12	23.341	264	1865151	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	213713	12.363	ng		0.00
7) Phenol-d6	6.825	99	305146	11.604	ng		-0.01
23) Nitrobenzene-d5	8.795	82	243951	8.420	ng		0.00
42) 2,4,6-Tribromophenol	15.771	330	91905	13.784	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	48014	6.137	ng		88
3) Pyridine	3.431	79	127231	6.237	ng	#	78
4) n-Nitrosodimethylamine	3.337	42	53819	5.054	ng	#	73
6) Aniline	6.966	93	166869	5.736	ng		90
8) 2-Chlorophenol	7.213	128	115497	5.982	ng		93
9) Benzaldehyde	6.766	77	90813	5.307	ng		87
10) Phenol	6.854	94	146680	5.500	ng		80
11) bis(2-Chloroethyl)ether	7.060	93	120349	5.979	ng		95
12) 1,3-Dichlorobenzene	7.536	146	135582	5.678	ng	#	91
13) 1,4-Dichlorobenzene	7.678	146	136139	5.631	ng		97
14) 1,2-Dichlorobenzene	8.001	146	133300	5.637	ng		94
15) Benzyl Alcohol	7.883	79	99323	4.800	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.172	45	165955	5.727	ng		98
17) 2-Methylphenol	8.101	107	94194	5.275	ng	#	89
18) Hexachloroethane	8.730	117	42003	4.616	ng		92
19) n-Nitroso-di-n-propyla...	8.448	70	83162	4.323	ng		91
20) 3+4-Methylphenols	8.425	107	129505	5.474	ng		91
22) Acetophenone	8.460	105	180922	4.863	ng	#	97
24) Nitrobenzene	8.836	77	120848	3.914	ng		94
25) Isophorone	9.354	82	200286	3.722	ng		96
26) 2-Nitrophenol	9.554	139	44619	7.529	ng	#	76
27) 2,4-Dimethylphenol	9.625	122	93866	5.233	ng		93
28) bis(2-Chloroethoxy)met...	9.842	93	165225	6.131	ng		99
29) 2,4-Dichlorophenol	10.089	162	99055	5.087	ng		98
30) 1,2,4-Trichlorobenzene	10.301	180	121913	4.607	ng		98
31) Naphthalene	10.483	128	387475	5.365	ng		99
33) 4-Chloroaniline	10.589	127	154888	5.576	ng	#	92
34) Hexachlorobutadiene	10.795	225	71374	4.018	ng		95
35) Caprolactam	11.307	113	43936	8.214	ng		90
36) 4-Chloro-3-methylphenol	11.724	107	115415	5.053	ng		97
37) 2-Methylnaphthalene	12.095	142	263182	5.030	ng	#	93
38) 1-Methylnaphthalene	12.319	142	257981	5.214	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.483	216	136370	4.858	ng	#	95
41) Hexachlorocyclopentadiene	12.471	237	47406	5.477	ng		97
43) 2,4,6-Trichlorophenol	12.718	196	85274	7.482	ng		96
44) 2,4,5-Trichlorophenol	12.789	196	91220	6.574	ng	#	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.118	154	365040	5.704	ng		100
47) 2-Chloronaphthalene	13.154	162	269153	5.186	ng		99
48) 2-Nitroaniline	13.360	65	55998	4.249	ng	#	85
49) Acenaphthylene	14.007	152	389077	5.000	ng		99
50) Dimethylphthalate	13.736	163	329546	5.410	ng		98
51) 2,6-Dinitrotoluene	13.848	165	53438	4.318	ng	#	73
52) Acenaphthene	14.354	154	275646	5.700	ng		97
53) 3-Nitroaniline	14.183	138	61205	5.649	ng		93
55) Dibenzofuran	14.683	168	442140	5.484	ng		91
56) 4-Nitrophenol	14.501	139	50572	8.352	ng	#	70
57) 2,4-Dinitrotoluene	14.636	165	63757	4.198	ng	#	73
58) Fluorene	15.330	166	343605	5.424	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.918	232	79425	7.832	ng	#	85
60) Diethylphthalate	15.101	149	325764	5.507	ng		96
61) 4-Chlorophenyl-phenyle...	15.324	204	173291	5.093	ng		89
62) 4-Nitroaniline	15.342	138	59147	6.224	ng	#	69
63) Azobenzene	15.612	77	288427	4.170	ng		91
66) n-Nitrosodiphenylamine	15.536	169	290515	5.098	ng		95
67) 4-Bromophenyl-phenylether	16.212	248	96580	4.717	ng		91
68) Hexachlorobenzene	16.348	284	110983	4.794	ng	#	81
69) Atrazine	16.477	200	86832	4.967	ng		93
70) Pentachlorophenol	16.683	266	53328	7.025	ng		97
71) Phenanthrene	17.059	178	551835	5.539	ng		99
72) Anthracene	17.148	178	502412	5.159	ng		99
73) Carbazole	17.412	167	516883	5.779	ng		96
74) Di-n-butylphthalate	17.971	149	455613	4.901	ng	#	98
75) Fluoranthene	19.065	202	604408	5.445	ng		97
77) Benzidine	19.247	184	223356	6.733	ng		98
78) Pyrene	19.430	202	635833	4.634	ng		100
80) Butylbenzylphthalate	20.318	149	183762	4.570	ng		95
81) Benzo(a)anthracene	21.165	228	644072	5.339	ng		99
82) 3,3'-Dichlorobenzidine	21.100	252	179920	5.417	ng		99
83) Chrysene	21.218	228	652483	5.095	ng		99
84) Bis(2-ethylhexyl)phtha...	21.094	149	258584	4.215	ng	#	96
85) Di-n-octyl phthalate	21.936	149	428837	4.142	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.476	276	704749	5.572	ng		95
88) Benzo(b)fluoranthene	22.700	252	617262	4.947	ng		99
89) Benzo(k)fluoranthene	22.735	252	626392m	4.643	ng		
90) Benzo(a)pyrene	23.247	252	485314	4.235	ng		98
91) Dibenzo(a,h)anthracene	25.482	278	596777	5.472	ng	#	95
92) Benzo(g,h,i)perylene	26.135	276	587652	5.442	ng	#	94

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

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