Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071921\
Data File : BM031004.D
Acq On : 19 Jul 2021 14:16
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Manual Integrations APPROVED
mohammad
7/20/2021 11:38:16 AM

Quant Time: Jul 19 16:47:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 16:47:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	69054	20.000	ng		# 0.00
21) Naphthalene-d8	10.410	136	304432	20.000	ng		# 0.00
39) Acenaphthene-d10	14.274	164	221503	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	507476	20.000	ng		0.00
76) Chrysene-d12	21.209	240	597429	20.000	ng		0.00
86) Perylene-d12	23.391	264	652437	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	39729	9.353	ng		0.00
7) Phenol-d6	6.816	99	53920	8.769	ng		-0.01
23) Nitrobenzene-d5	8.786	82	57332	9.175	ng		0.00
42) 2,4,6-Tribromophenol	15.762	330	25703	9.229	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	143497	8.519	ng		0.00
79) Terphenyl-d14	19.656	244	276971	8.143	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	8821	4.804	ng	#	95
3) Pyridine	3.628	79	22138	4.723	ng	#	84
4) n-Nitrosodimethylamine	3.552	42	12310	5.173	ng	#	78
6) Aniline	6.975	93	29565	4.213	ng		95
8) 2-Chlorophenol	7.204	128	22846	4.582	ng		94
9) Benzaldehyde	6.798	77	18752m	7.301	ng		
10) Phenol	6.845	94	26595	4.281	ng		86
11) bis(2-Chloroethyl)ether	7.081	93	19964	4.079	ng		96
12) 1,3-Dichlorobenzene	7.528	146	25422	4.628	ng	#	93
13) 1,4-Dichlorobenzene	7.675	146	26146	4.671	ng		96
14) 1,2-Dichlorobenzene	7.987	146	25252	4.638	ng		96
15) Benzyl Alcohol	7.881	79	22748	5.271	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	25762	3.271	ng		99
17) 2-Methylphenol	8.081	107	18326	4.552	ng		95
18) Hexachloroethane	8.704	117	9884	4.913	ng		93
19) n-Nitroso-di-n-propyla...	8.445	70	19227	4.709	ng		97
20) 3+4-Methylphenols	8.404	107	25269	4.614	ng		96
22) Acetophenone	8.457	105	37434	4.602	ng	#	94
24) Nitrobenzene	8.828	77	29457	4.519	ng		99
25) Isophorone	9.351	82	51337	4.286	ng		97
26) 2-Nitrophenol	9.533	139	11271	4.520	ng	#	84
27) 2,4-Dimethylphenol	9.592	122	20780	4.482	ng		92
28) bis(2-Chloroethoxy)met...	9.839	93	27133	3.985	ng		98
29) 2,4-Dichlorophenol	10.057	162	22435	4.317	ng		97
30) 1,2,4-Trichlorobenzene	10.275	180	25383	4.279	ng		95
31) Naphthalene	10.457	128	75849	4.277	ng		98
32) Benzoic acid	9.663	122	13169	4.653	ng		95
33) 4-Chloroaniline	10.575	127	31555	4.372	ng		96
34) Hexachlorobutadiene	10.745	225	17650	4.984	ng		89
35) Caprolactam	11.339	113	6997	4.289	ng		89
36) 4-Chloro-3-methylphenol	11.698	107	24461	4.493	ng		94
37) 2-Methylnaphthalene	12.075	142	56286m	4.326	ng		
38) 1-Methylnaphthalene	12.298	142	55501	4.478	ng		98
40) 1,2,4,5-Tetrachloroben...	12.445	216	30934	4.333	ng		96
41) Hexachlorocyclopentadiene	12.427	237	16640	4.251	ng		98
43) 2,4,6-Trichlorophenol	12.692	196	19848	4.112	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	22435	4.237	ng	#	90
46) 1,1'-Biphenyl	13.104	154	76749	4.279	ng		98
47) 2-Chloronaphthalene	13.139	162	60646	4.183	ng		94
48) 2-Nitroaniline	13.351	65	16568	4.252	ng		96
49) Acenaphthylene	13.992	152	92749	4.176	ng		99
50) Dimethylphthalate	13.739	163	80590	4.572	ng		97
51) 2,6-Dinitrotoluene	13.857	165	16572	4.265	ng	#	87
52) Acenaphthene	14.333	154	58821	4.146	ng		98
53) 3-Nitroaniline	14.180	138	16264	4.217	ng		92
54) 2,4-Dinitrophenol	14.386	184	7827	3.675	ng		94
55) Dibenzofuran	14.674	168	98878	4.380	ng		95
56) 4-Nitrophenol	14.486	139	14465	4.384	ng		89
57) 2,4-Dinitrotoluene	14.645	165	21941	4.561	ng		88
58) Fluorene	15.321	166	80163	4.304	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.898	232	20864m	4.553	ng		
60) Diethylphthalate	15.110	149	84127	4.774	ng		98
61) 4-Chlorophenyl-phenyle...	15.327	204	41549	4.527	ng		90
62) 4-Nitroaniline	15.345	138	17604	4.447	ng	#	85
63) Azobenzene	15.615	77	82620	4.642	ng		90
65) 4,6-Dinitro-2-methylph...	15.404	198	12711	3.747	ng		93
66) n-Nitrosodiphenylamine	15.545	169	71882	4.073	ng		93
67) 4-Bromophenyl-phenylether	16.221	248	24922	4.214	ng	#	88
68) Hexachlorobenzene	16.321	284	28238	4.211	ng		93
69) Atrazine	16.498	200	24878	5.264	ng		90
70) Pentachlorophenol	16.668	266	15935	4.060	ng		97
71) Phenanthrene	17.062	178	132619	4.153	ng		99
72) Anthracene	17.151	178	128314	4.138	ng		98
73) Carbazole	17.421	167	126170	4.267	ng		98
74) Di-n-butylphthalate	18.004	149	141397	4.587	ng	#	98
75) Fluoranthene	19.080	202	160133	4.418	ng		98
77) Benzidine	19.274	184	75067	7.101	ng		98
78) Pyrene	19.439	202	170256	3.761	ng		99
80) Butylbenzylphthalate	20.362	149	66905	4.108	ng		97
81) Benzo(a)anthracene	21.192	228	188729	4.340	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	46954	3.567	ng		99
83) Chrysene	21.244	228	180780	4.278	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	102338	4.181	ng		96
85) Di-n-octyl phthalate	22.009	149	178653	4.672	ng		97
87) Indeno(1,2,3-cd)pyrene	25.556	276	214909	4.331	ng		99
88) Benzo(b)fluoranthene	22.733	252	194244	3.934	ng		97
89) Benzo(k)fluoranthene	22.780	252	191837	3.978	ng		100
90) Benzo(a)pyrene	23.291	252	178020	4.077	ng		98
91) Dibenzo(a,h)anthracene	25.568	278	184898	4.321	ng		98
92) Benzo(g,h,i)perylene	26.209	276	179530	4.411	ng		99

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

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