Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071921\
Data File : BM031008.D
Acq On : 19 Jul 2021 16:46
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
7/20/2021 11:38:36 AM

Quant Time: Jul 19 17:15:45 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	7.645	152	96147	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	422914	20.000	ng		0.00
39) Acenaphthene-d10	14.274	164	306002	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	676516	20.000	ng		0.00
76) Chrysene-d12	21.215	240	754552	20.000	ng		0.00
86) Perylene-d12	23.397	264	753294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	524666	88.711	ng		0.00
7) Phenol-d6	6.828	99	767578	89.651	ng		0.00
23) Nitrobenzene-d5	8.798	82	836255	96.332	ng		0.00
42) 2,4,6-Tribromophenol	15.774	330	405056	105.283	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	2055438	88.334	ng		0.00
79) Terphenyl-d14	19.662	244	3931629	91.520	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	98972	38.710	ng		93
3) Pyridine	3.628	79	298477m	45.732	ng		
4) n-Nitrosodimethylamine	3.546	42	166600	50.283	ng		92
6) Aniline	6.986	93	407315	41.688	ng		99
8) 2-Chlorophenol	7.210	128	310731	44.764	ng		98
9) Benzaldehyde	6.798	77	210395	58.834	ng		96
10) Phenol	6.857	94	373578	43.191	ng		93
11) bis(2-Chloroethyl)ether	7.086	93	271727	39.873	ng		98
12) 1,3-Dichlorobenzene	7.533	146	334078	43.683	ng		96
13) 1,4-Dichlorobenzene	7.681	146	334594	42.931	ng		98
14) 1,2-Dichlorobenzene	7.986	146	328384	43.314	ng		97
15) Benzyl Alcohol	7.886	79	328862	54.732	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	341275	31.121	ng		98
17) 2-Methylphenol	8.086	107	265729	47.409	ng		97
18) Hexachloroethane	8.710	117	133499	47.658	ng		95
19) n-Nitroso-di-n-propyla...	8.457	70	275607	48.483	ng		100
20) 3+4-Methylphenols	8.416	107	371865	48.763	ng		98
22) Acetophenone	8.463	105	520014	46.021	ng	#	96
24) Nitrobenzene	8.839	77	413483	45.661	ng		99
25) Isophorone	9.363	82	756164	45.448	ng		99
26) 2-Nitrophenol	9.533	139	187151	54.027	ng		93
27) 2,4-Dimethylphenol	9.604	122	280242	43.515	ng		96
28) bis(2-Chloroethoxy)met...	9.845	93	382837	40.470	ng		100
29) 2,4-Dichlorophenol	10.063	162	334494	46.331	ng		96
30) 1,2,4-Trichlorobenzene	10.274	180	362710	44.014	ng		97
31) Naphthalene	10.463	128	1073959	43.594	ng		100
32) Benzoic acid	9.780	122	250754	63.772	ng		95
33) 4-Chloroaniline	10.574	127	464444	46.324	ng		97
34) Hexachlorobutadiene	10.745	225	233854	47.538	ng		96
35) Caprolactam	11.392	113	113963m	50.281	ng		
36) 4-Chloro-3-methylphenol	11.710	107	388256	51.340	ng		93
37) 2-Methylnaphthalene	12.074	142	826415	45.720	ng		97
38) 1-Methylnaphthalene	12.298	142	794232	46.133	ng		100
40) 1,2,4,5-Tetrachloroben...	12.451	216	425324	43.122	ng		99
41) Hexachlorocyclopentadiene	12.427	237	251795	46.559	ng		99
43) 2,4,6-Trichlorophenol	12.698	196	304569	45.676	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	334409	45.721	ng	#	94
46) 1,1'-Biphenyl	13.104	154	1070271	43.190	ng		100
47) 2-Chloronaphthalene	13.145	162	848105	42.342	ng		95
48) 2-Nitroaniline	13.357	65	279992	52.009	ng		94
49) Acenaphthylene	13.998	152	1361950	44.385	ng		99
50) Dimethylphthalate	13.751	163	1125583	46.220	ng		99
51) 2,6-Dinitrotoluene	13.862	165	256992	47.872	ng	#	85
52) Acenaphthene	14.339	154	844533	43.089	ng		98
53) 3-Nitroaniline	14.192	138	260253	48.851	ng		97
54) 2,4-Dinitrophenol	14.398	184	159307	54.143	ng		97
55) Dibenzofuran	14.680	168	1367457	43.848	ng		94
56) 4-Nitrophenol	14.504	139	231064	50.689	ng		86
57) 2,4-Dinitrotoluene	14.651	165	365940	55.062	ng		86
58) Fluorene	15.327	166	1179814	45.856	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.904	232	310009	48.972	ng		93
60) Diethylphthalate	15.121	149	1215593	49.933	ng		98
61) 4-Chlorophenyl-phenyle...	15.327	204	586439	46.248	ng	#	88
62) 4-Nitroaniline	15.362	138	287242	52.523	ng		88
63) Azobenzene	15.627	77	1195309	48.612	ng		95
65) 4,6-Dinitro-2-methylph...	15.415	198	224529	49.655	ng		86
66) n-Nitrosodiphenylamine	15.551	169	1010957	42.971	ng		99
67) 4-Bromophenyl-phenylether	16.221	248	355314	45.069	ng		93
68) Hexachlorobenzene	16.327	284	399097	44.645	ng		97
69) Atrazine	16.509	200	373885	59.339	ng		97
70) Pentachlorophenol	16.674	266	274104	52.389	ng		97
71) Phenanthrene	17.068	178	1880664	44.179	ng		100
72) Anthracene	17.156	178	1873161	45.319	ng		100
73) Carbazole	17.433	167	1828003	46.376	ng		99
74) Di-n-butylphthalate	18.003	149	2215391	53.910	ng		99
75) Fluoranthene	19.086	202	2332742	48.277	ng		99
77) Benzidine	19.280	184	904202	67.727	ng		99
78) Pyrene	19.444	202	2419450	42.316	ng		99
80) Butylbenzylphthalate	20.362	149	1073912	52.206	ng		95
81) Benzo(a)anthracene	21.197	228	2480086	45.161	ng		99
82) 3,3'-Dichlorobenzidine	21.138	252	692412	41.649	ng		98
83) Chrysene	21.250	228	2425211	45.441	ng		99
84) Bis(2-ethylhexyl)phtha...	21.144	149	1648523	53.322	ng	#	95
85) Di-n-octyl phthalate	22.015	149	2767655	57.305	ng		99
87) Indeno(1,2,3-cd)pyrene	25.579	276	2603624	45.441	ng		100
88) Benzo(b)fluoranthene	22.750	252	2522662	44.247	ng		99
89) Benzo(k)fluoranthene	22.791	252	2448412	43.970	ng		100
90) Benzo(a)pyrene	23.303	252	2285014	45.323	ng		100
91) Dibenzo(a,h)anthracene	25.591	278	2262565	45.801	ng		100
92) Benzo(g,h,i)perylene	26.244	276	2120686	45.132	ng		99

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

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