Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061121\
Data File : BM030400.D
Acq On : 11 Jun 2021 12:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/14/2021 5:48:56 PM

Quant Time: Jun 11 13:17:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 13:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	203323	20.000	ng		0.00
21) Naphthalene-d8	10.628	136	787817	20.000	ng	#	0.00
39) Acenaphthene-d10	14.463	164	485004	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	928215	20.000	ng		0.00
76) Chrysene-d12	21.356	240	878364	20.000	ng		0.00
86) Perylene-d12	23.633	264	874042	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	947034	75.720	ng		0.00
7) Phenol-d6	6.998	99	1353318	74.745	ng		0.00
23) Nitrobenzene-d5	8.992	82	1231336	76.144	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	455987	74.778	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	2832709	76.807	ng		0.00
79) Terphenyl-d14	19.809	244	3827621	76.540	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	202141	37.386	ng		89
3) Pyridine	3.740	79	530875	38.464	ng	#	81
4) n-Nitrosodimethylamine	3.646	42	254958	36.388	ng	#	83
6) Aniline	7.169	93	745040	36.059	ng		95
8) 2-Chlorophenol	7.398	128	540590	36.826	ng		96
9) Benzaldehyde	6.981	77	308792	40.833	ng		93
10) Phenol	7.028	94	664578	36.334	ng		92
11) bis(2-Chloroethyl)ether	7.263	93	512589	35.568	ng		95
12) 1,3-Dichlorobenzene	7.728	146	591404	36.567	ng		97
13) 1,4-Dichlorobenzene	7.869	146	604508	36.678	ng		99
14) 1,2-Dichlorobenzene	8.187	146	582255	36.317	ng		99
15) Benzyl Alcohol	8.075	79	454133	35.741	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.369	45	787053	33.940	ng		90
17) 2-Methylphenol	8.269	107	432848	36.518	ng		94
18) Hexachloroethane	8.916	117	215288	36.344	ng		98
19) n-Nitroso-di-n-propyla...	8.640	70	416839	34.675	ng		99
20) 3+4-Methylphenols	8.598	107	591638	36.687	ng		97
22) Acetophenone	8.657	105	786692	37.375	ng	#	97
24) Nitrobenzene	9.034	77	621011	36.814	ng		97
25) Isophorone	9.557	82	1092484	35.249	ng		99
26) 2-Nitrophenol	9.739	139	278603	38.412	ng		95
27) 2,4-Dimethylphenol	9.798	122	437653	36.480	ng		98
28) bis(2-Chloroethoxy)met...	10.034	93	619626	35.162	ng		99
29) 2,4-Dichlorophenol	10.269	162	514241	38.237	ng		96
30) 1,2,4-Trichlorobenzene	10.486	180	571495	37.228	ng		99
31) Naphthalene	10.675	128	1671221	36.416	ng		99
32) Benzoic acid	9.934	122	313900	35.185	ng		94
33) 4-Chloroaniline	10.781	127	671154	35.936	ng		97
34) Hexachlorobutadiene	10.963	225	343760	37.513	ng		95
35) Caprolactam	11.569	113	143394	33.072	ng	#	78
36) 4-Chloro-3-methylphenol	11.898	107	507609	36.033	ng		96
37) 2-Methylnaphthalene	12.286	142	1195243	35.497	ng		99
38) 1-Methylnaphthalene	12.504	142	1136212	35.428	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	622203	39.800	ng		99
41) Hexachlorocyclopentadiene	12.633	237	334703	39.048	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	423742	40.094	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	451263	38.927	ng		97
46) 1,1'-Biphenyl	13.292	154	1498763	38.159	ng		99
47) 2-Chloronaphthalene	13.339	162	1186297	37.367	ng		98
48) 2-Nitroaniline	13.539	65	314889	33.845	ng		98
49) Acenaphthylene	14.180	152	1805750	37.129	ng		99
50) Dimethylphthalate	13.922	163	1359727	35.228	ng		100
51) 2,6-Dinitrotoluene	14.033	165	312558	36.734	ng		97
52) Acenaphthene	14.527	154	1113691	35.850	ng		99
53) 3-Nitroaniline	14.363	138	301612	33.104	ng		99
54) 2,4-Dinitrophenol	14.569	184	168174	37.794	ng		90
55) Dibenzofuran	14.857	168	1769728	35.803	ng		99
56) 4-Nitrophenol	14.663	139	256613	35.517	ng		94
57) 2,4-Dinitrotoluene	14.821	165	403381	34.441	ng		98
58) Fluorene	15.504	166	1446020	35.460	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	374428	37.318	ng		98
60) Diethylphthalate	15.280	149	1309514	33.938	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	711862	35.420	ng		96
62) 4-Nitroaniline	15.521	138	304462	32.010	ng	#	85
63) Azobenzene	15.792	77	1326717	34.042	ng		98
65) 4,6-Dinitro-2-methylph...	15.580	198	245154	40.195	ng		88
66) n-Nitrosodiphenylamine	15.710	169	1217126	37.705	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	394085	36.432	ng		97
68) Hexachlorobenzene	16.510	284	464924	37.906	ng		95
69) Atrazine	16.657	200	374307	43.297	ng		97
70) Pentachlorophenol	16.845	266	291200	40.564	ng		99
71) Phenanthrene	17.239	178	2134907	36.552	ng		100
72) Anthracene	17.327	178	2107616	37.164	ng		99
73) Carbazole	17.598	167	1964830	36.331	ng		99
74) Di-n-butylphthalate	18.157	149	2078124	36.857	ng		99
75) Fluoranthene	19.245	202	2401497	36.223	ng		98
77) Benzidine	19.433	184	754634	48.557	ng		98
78) Pyrene	19.609	202	2499672	37.556	ng		99
80) Butylbenzylphthalate	20.498	149	863365	32.810	ng		99
81) Benzo(a)anthracene	21.345	228	2374334	37.141	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	743816	38.434	ng		98
83) Chrysene	21.398	228	2321389	37.365	ng		99
84) Bis(2-ethylhexyl)phtha...	21.274	149	1263736	32.030	ng		99
85) Di-n-octyl phthalate	22.156	149	2081181	33.906	ng		99
87) Indeno(1,2,3-cd)pyrene	25.950	276	2673912	40.221	ng		98
88) Benzo(b)fluoranthene	22.950	252	2438854	36.867	ng		99
89) Benzo(k)fluoranthene	22.992	252	2220822m	34.373	ng		
90) Benzo(a)pyrene	23.539	252	2176959	37.214	ng		98
91) Dibenzo(a,h)anthracene	25.962	278	2289698	39.947	ng		98
92) Benzo(g,h,i)perylene	26.656	276	2244726	41.173	ng		97

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

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