Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
Data File : BM031821.D
Acq On : 19 Aug 2021 10:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/20/2021 2:26:08 PM

Quant Time: Aug 19 11:51:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.540	152	33664	20.000	ng		0.00
21) Naphthalene-d8	10.298	136	151408	20.000	ng	#	0.00
39) Acenaphthene-d10	14.175	164	108941	20.000	ng		0.00
64) Phenanthrene-d10	16.927	188	240106	20.000	ng	#	0.00
76) Chrysene-d12	21.133	240	261676	20.000	ng		0.00
86) Perylene-d12	23.280	264	265836	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	184688	88.054	ng		0.00
7) Phenol-d6	6.734	99	261693	86.104	ng		0.00
23) Nitrobenzene-d5	8.693	82	306708	84.819	ng		0.00
42) 2,4,6-Tribromophenol	15.680	330	114599	85.410	ng		0.00
45) 2-Fluorobiphenyl	12.792	172	670771	81.953	ng		0.00
79) Terphenyl-d14	19.580	244	1287204	82.880	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	45275	51.630	ng		96
3) Pyridine	3.563	79	118548	48.919	ng		91
4) n-Nitrosodimethylamine	3.481	42	62517	44.206	ng	#	96
6) Aniline	6.887	93	141867	42.690	ng		97
8) 2-Chlorophenol	7.110	128	105434	42.929	ng		97
9) Benzaldehyde	6.704	77	87434	40.532	ng		98
10) Phenol	6.757	94	129800	42.990	ng		86
11) bis(2-Chloroethyl)ether	6.987	93	97033	42.783	ng		96
12) 1,3-Dichlorobenzene	7.428	146	113422m	43.175	ng		
13) 1,4-Dichlorobenzene	7.575	146	115045	42.502	ng		97
14) 1,2-Dichlorobenzene	7.881	146	110953	41.730	ng		95
15) Benzyl Alcohol	7.787	79	109685	41.909	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.075	45	131926	40.708	ng		97
17) 2-Methylphenol	7.987	107	91041	42.642	ng		91
18) Hexachloroethane	8.593	117	47641	42.460	ng		89
19) n-Nitroso-di-n-propyla...	8.345	70	101088	42.122	ng		96
20) 3+4-Methylphenols	8.316	107	128075	42.676	ng		95
22) Acetophenone	8.357	105	183652	42.717	ng	#	92
24) Nitrobenzene	8.734	77	154704	41.802	ng		96
25) Isophorone	9.257	82	271236	41.820	ng		97
26) 2-Nitrophenol	9.434	139	64768	44.458	ng	#	84
27) 2,4-Dimethylphenol	9.498	122	93414	41.933	ng		96
28) bis(2-Chloroethoxy)met...	9.734	93	131422	42.112	ng		97
29) 2,4-Dichlorophenol	9.957	162	110487	43.653	ng		96
30) 1,2,4-Trichlorobenzene	10.163	180	115068	42.575	ng		96
31) Naphthalene	10.345	128	365946	42.215	ng		99
32) Benzoic acid	9.669	122	84815	42.524	ng		93
33) 4-Chloroaniline	10.475	127	153715	42.661	ng		96
34) Hexachlorobutadiene	10.622	225	72946	42.270	ng		97
35) Caprolactam	11.286	113	38032	43.275	ng	#	81
36) 4-Chloro-3-methylphenol	11.604	107	134864	42.972	ng		90
37) 2-Methylnaphthalene	11.969	142	270171	41.648	ng	#	94
38) 1-Methylnaphthalene	12.192	142	259218	41.839	ng		98
40) 1,2,4,5-Tetrachloroben...	12.345	216	130390	42.136	ng	#	97
41) Hexachlorocyclopentadiene	12.310	237	65118	42.063	ng		96
43) 2,4,6-Trichlorophenol	12.598	196	96933	42.495	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	103805	41.642	ng	#	91
46) 1,1'-Biphenyl	13.004	154	348228	40.619	ng		99
47) 2-Chloronaphthalene	13.039	162	276092	41.022	ng	#	92
48) 2-Nitroaniline	13.263	65	104496	41.836	ng		88
49) Acenaphthylene	13.898	152	454440	41.243	ng		100
50) Dimethylphthalate	13.657	163	372357	41.019	ng		99
51) 2,6-Dinitrotoluene	13.775	165	84972	42.151	ng	#	71
52) Acenaphthene	14.239	154	275727	41.076	ng		99
53) 3-Nitroaniline	14.104	138	86825	41.946	ng		87
54) 2,4-Dinitrophenol	14.322	184	51867	43.644	ng	#	81
55) Dibenzofuran	14.580	168	463125	41.288	ng		92
56) 4-Nitrophenol	14.427	139	75038	42.499	ng	#	70
57) 2,4-Dinitrotoluene	14.569	165	125206	43.125	ng	#	65
58) Fluorene	15.233	166	384930	41.338	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.816	232	94948	42.003	ng	#	86
60) Diethylphthalate	15.027	149	409446	41.035	ng		96
61) 4-Chlorophenyl-phenyle...	15.233	204	186791	41.557	ng	#	86
62) 4-Nitroaniline	15.280	138	93346	43.892	ng	#	83
63) Azobenzene	15.527	77	452646	40.982	ng		91
65) 4,6-Dinitro-2-methylph...	15.333	198	76288	46.477	ng	#	66
66) n-Nitrosodiphenylamine	15.457	169	332481	42.119	ng		99
67) 4-Bromophenyl-phenylether	16.127	248	107267	41.971	ng	#	86
68) Hexachlorobenzene	16.233	284	117646	42.081	ng	#	88
69) Atrazine	16.421	200	119664	42.596	ng		97
70) Pentachlorophenol	16.586	266	82144	43.743	ng		96
71) Phenanthrene	16.974	178	616900	42.127	ng		100
72) Anthracene	17.063	178	609774	42.476	ng		99
73) Carbazole	17.345	167	618361	42.996	ng		97
74) Di-n-butylphthalate	17.915	149	762031	42.540	ng	#	98
75) Fluoranthene	18.998	202	749327	42.721	ng		99
77) Benzidine	19.198	184	327027	42.055	ng		98
78) Pyrene	19.362	202	787759	41.556	ng		99
80) Butylbenzylphthalate	20.286	149	384630	42.334	ng		94
81) Benzo(a)anthracene	21.121	228	805579	42.029	ng		97
82) 3,3'-Dichlorobenzidine	21.062	252	252044	42.553	ng		99
83) Chrysene	21.174	228	785962	42.068	ng		98
84) Bis(2-ethylhexyl)phtha...	21.062	149	596328	42.473	ng	#	94
85) Di-n-octyl phthalate	21.921	149	996817	42.969	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.409	276	881751	47.068	ng		99
88) Benzo(b)fluoranthene	22.645	252	842109	42.191	ng		99
89) Benzo(k)fluoranthene	22.692	252	776911	40.328	ng		99
90) Benzo(a)pyrene	23.192	252	747254	42.285	ng		98
91) Dibenzo(a,h)anthracene	25.421	278	769719	46.718	ng		99
92) Benzo(g,h,i)perylene	26.056	276	721372	48.081	ng		98

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

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