Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012021\
Data File : BM028466.D
Acq On : 20 Jan 2021 13:32
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 20 14:05:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 12:29:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
1/22/2021 11:50:30 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	36676	20.00	ng		0.00
21) Naphthalene-d8	10.851	136	136033	20.00	ng	#	0.00
39) Acenaphthene-d10	14.674	164	77484	20.00	ng		0.00
64) Phenanthrene-d10	17.398	188	156750	20.00	ng	#	0.00
76) Chrysene-d12	21.533	240	152037	20.00	ng	#	0.00
86) Perylene-d12	23.815	264	155001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	328627	147.66	ng		0.00
7) Phenol-d6	7.198	99	456461	143.63	ng		0.01
23) Nitrobenzene-d5	9.216	82	438929	160.12	ng		0.00
42) 2,4,6-Tribromophenol	16.157	330	161768	157.28	ng		0.00
45) 2-Fluorobiphenyl	13.304	172	930794	156.17	ng		0.00
79) Terphenyl-d14	19.992	244	1238946	147.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	64514	70.87	ng	#	67
3) Pyridine	3.763	79	184979m	70.87	ng		
4) n-Nitrosodimethylamine	3.675	42	104327	74.82	ng	#	55
6) Aniline	7.369	93	249587	69.92	ng		98
8) 2-Chlorophenol	7.592	128	185990	72.63	ng		98
10) Phenol	7.222	94	214967	71.21	ng		89
11) bis(2-Chloroethyl)ether	7.457	93	172112	68.26	ng		91
12) 1,3-Dichlorobenzene	7.922	146	216496	71.95	ng	#	92
13) 1,4-Dichlorobenzene	8.069	146	219528	72.02	ng		98
14) 1,2-Dichlorobenzene	8.392	146	211607	72.02	ng		98
15) Benzyl Alcohol	8.281	79	162206	72.02	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.575	45	304171	66.77	ng		70
17) 2-Methylphenol	8.481	107	150596	71.32	ng	#	90
18) Hexachloroethane	9.122	117	85039	74.93	ng		89
19) n-Nitroso-di-n-propyla...	8.863	70	139025	69.38	ng	#	62
20) 3+4-Methylphenols	8.822	107	204223	71.59	ng		91
22) Acetophenone	8.875	105	269184	77.02	ng	#	88
24) Nitrobenzene	9.257	77	209404	78.30	ng	#	89
25) Isophorone	9.781	82	344976	76.41	ng		97
26) 2-Nitrophenol	9.963	139	101949	87.00	ng	#	86
27) 2,4-Dimethylphenol	10.022	122	140152	75.41	ng		89
28) bis(2-Chloroethoxy)met...	10.263	93	235115	72.54	ng		99
29) 2,4-Dichlorophenol	10.498	162	169210	78.27	ng		99
30) 1,2,4-Trichlorobenzene	10.716	180	193165	76.29	ng		98
31) Naphthalene	10.904	128	582605	76.04	ng		99
32) Benzoic acid	10.216	122	132526	91.60	ng	#	86
33) 4-Chloroaniline	11.016	127	245492	75.04	ng		93
34) Hexachlorobutadiene	11.175	225	114803	76.38	ng		99
35) Caprolactam	11.839	113	55459	78.96	ng	#	55
36) 4-Chloro-3-methylphenol	12.133	107	177549	76.75	ng		94
37) 2-Methylnaphthalene	12.510	142	402533	74.23	ng		96
38) 1-Methylnaphthalene	12.727	142	384001	74.39	ng		99
40) 1,2,4,5-Tetrachloroben...	12.874	216	192722	78.42	ng		99
41) Hexachlorocyclopentadiene	12.845	237	98653	77.81	ng		100
43) 2,4,6-Trichlorophenol	13.110	196	133258	80.76	ng		97
44) 2,4,5-Trichlorophenol	13.186	196	137994	79.74	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.516	154	499603	77.21	ng		99
47) 2-Chloronaphthalene	13.557	162	409757	78.20	ng		97
48) 2-Nitroaniline	13.763	65	137420	86.32	ng		91
49) Acenaphthylene	14.404	152	619780	78.95	ng		100
50) Dimethylphthalate	14.139	163	478970	74.48	ng		99
51) 2,6-Dinitrotoluene	14.257	165	106934	79.53	ng		93
52) Acenaphthene	14.745	154	380441	71.09	ng		97
53) 3-Nitroaniline	14.586	138	123943	81.49	ng		91
54) 2,4-Dinitrophenol	14.792	184	67998	88.50	ng		93
55) Dibenzofuran	15.074	168	579334	76.01	ng		100
56) 4-Nitrophenol	14.886	139	97857	81.37	ng	#	77
57) 2,4-Dinitrotoluene	15.045	165	146621	82.35	ng		91
58) Fluorene	15.715	166	478413	76.61	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.292	232	121329	76.39	ng		93
60) Diethylphthalate	15.492	149	492661	74.42	ng		98
61) 4-Chlorophenyl-phenyle...	15.704	204	231616	74.26	ng		93
62) 4-Nitroaniline	15.751	138	135908	82.41	ng	#	83
63) Azobenzene	15.998	77	474672	77.77	ng		89
65) 4,6-Dinitro-2-methylph...	15.804	198	81086	87.60	ng	#	79
66) n-Nitrosodiphenylamine	15.921	169	406316	78.04	ng		99
67) 4-Bromophenyl-phenylether	16.598	248	143189	76.40	ng		95
68) Hexachlorobenzene	16.715	284	164466	76.68	ng		97
69) Atrazine	16.862	200	105227	62.45	ng		97
70) Pentachlorophenol	17.051	266	96107	80.13	ng		99
71) Phenanthrene	17.445	178	727396	76.41	ng		100
72) Anthracene	17.533	178	717009	77.90	ng		99
73) Carbazole	17.804	167	678014	78.10	ng		99
74) Di-n-butylphthalate	18.345	149	837927	77.20	ng		99
75) Fluoranthene	19.439	202	822664	77.18	ng		97
77) Benzidine	19.615	184	251543	65.58	ng		100
78) Pyrene	19.798	202	837005	76.04	ng		99
80) Butylbenzylphthalate	20.668	149	384294	80.17	ng		96
81) Benzo(a)anthracene	21.515	228	778737	75.19	ng		100
82) 3,3'-Dichlorobenzidine	21.445	252	251234	75.20	ng	#	98
83) Chrysene	21.568	228	749830	74.77	ng		100
84) Bis(2-ethylhexyl)phtha...	21.427	149	532073	77.55	ng	#	97
85) Di-n-octyl phthalate	22.315	149	893255	80.33	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.174	276	852903	82.77	ng	#	90
88) Benzo(b)fluoranthene	23.133	252	760180	71.99	ng	#	96
89) Benzo(k)fluoranthene	23.180	252	759072	73.97	ng	#	97
90) Benzo(a)pyrene	23.727	252	718398	75.80	ng	#	97
91) Dibenzo(a,h)anthracene	26.180	278	704646	81.95	ng	#	94
92) Benzo(g,h,i)perylene	26.885	276	696040	84.73	ng	#	91

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

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