Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012021\
Data File : BM028461.D
Acq On : 20 Jan 2021 10:31
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 20 12:32:56 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 :
SSTDICC010

Manual Integrations APPROVED
mohammad
1/22/2021 11:50:25 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	25016	20.00	ng		0.00
21) Naphthalene-d8	10.851	136	101977	20.00	ng		# 0.00
39) Acenaphthene-d10	14.674	164	58966	20.00	ng		0.00
64) Phenanthrene-d10	17.398	188	123292	20.00	ng		# 0.00
76) Chrysene-d12	21.527	240	123559	20.00	ng		# 0.00
86) Perylene-d12	23.815	264	126384	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	36707	24.18	ng		0.00
7) Phenol-d6	7.181	99	49693	22.92	ng		0.00
23) Nitrobenzene-d5	9.204	82	47417	23.07	ng		0.00
42) 2,4,6-Tribromophenol	16.151	330	17344	22.16	ng		0.00
45) 2-Fluorobiphenyl	13.298	172	103635	22.85	ng		0.00
79) Terphenyl-d14	19.986	244	152972	22.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	7254	11.68	ng	#	60
3) Pyridine	3.775	79	20449	11.49	ng	#	46
4) n-Nitrosodimethylamine	3.675	42	12050	12.67	ng	#	56
6) Aniline	7.351	93	26751	10.99	ng		97
8) 2-Chlorophenol	7.587	128	20200	11.57	ng		99
9) Benzaldehyde	7.163	77	14824m	12.24	ng		
10) Phenol	7.210	94	23540	11.43	ng		88
11) bis(2-Chloroethyl)ether	7.445	93	18948	11.02	ng		94
12) 1,3-Dichlorobenzene	7.916	146	23822	11.61	ng	#	94
13) 1,4-Dichlorobenzene	8.069	146	24379	11.73	ng		99
14) 1,2-Dichlorobenzene	8.387	146	23373	11.66	ng		99
15) Benzyl Alcohol	8.275	79	17482	11.38	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.557	45	34934	11.24	ng		69
17) 2-Methylphenol	8.475	107	16212	11.26	ng	#	89
18) Hexachloroethane	9.122	117	8929	11.53	ng		90
19) n-Nitroso-di-n-propyla...	8.845	70	14858	10.87	ng	#	60
20) 3+4-Methylphenols	8.804	107	21809	11.21	ng		93
22) Acetophenone	8.863	105	29298	11.18	ng	#	84
24) Nitrobenzene	9.245	77	23014	11.48	ng		92
25) Isophorone	9.775	82	36100	10.67	ng		97
26) 2-Nitrophenol	9.963	139	9857	11.22	ng	#	86
27) 2,4-Dimethylphenol	10.016	122	14969	10.74	ng		90
28) bis(2-Chloroethoxy)met...	10.251	93	25686	10.57	ng		99
29) 2,4-Dichlorophenol	10.492	162	17757	10.96	ng		98
30) 1,2,4-Trichlorobenzene	10.710	180	21697	11.43	ng		97
31) Naphthalene	10.898	128	63532	11.06	ng		99
32) Benzoic acid	10.104	122	12225	11.27	ng	#	87
33) 4-Chloroaniline	11.010	127	26553	10.83	ng		91
34) Hexachlorobutadiene	11.181	225	12649	11.23	ng		96
35) Caprolactam	11.780	113	5502	10.45	ng	#	57
36) 4-Chloro-3-methylphenol	12.122	107	18519	10.68	ng		92
37) 2-Methylnaphthalene	12.504	142	44403	10.92	ng		97
38) 1-Methylnaphthalene	12.722	142	41886	10.82	ng		100
40) 1,2,4,5-Tetrachloroben...	12.869	216	21259	11.37	ng		99
41) Hexachlorocyclopentadiene	12.845	237	8415	8.72	ng		100
43) 2,4,6-Trichlorophenol	13.110	196	13940	11.10	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.180	196	15001	11.39	ng		97
46) 1,1'-Biphenyl	13.510	154	55160	11.20	ng		99
47) 2-Chloronaphthalene	13.557	162	45370	11.38	ng		96
48) 2-Nitroaniline	13.757	65	13708	11.31	ng		94
49) Acenaphthylene	14.398	152	66827	11.19	ng		100
50) Dimethylphthalate	14.127	163	54791	11.20	ng		99
51) 2,6-Dinitrotoluene	14.251	165	11166	10.91	ng		95
52) Acenaphthene	14.739	154	42429	10.42	ng		99
53) 3-Nitroaniline	14.574	138	12432	10.74	ng		94
54) 2,4-Dinitrophenol	14.786	184	5738	9.81	ng		98
55) Dibenzofuran	15.069	168	65548	11.30	ng		99
56) 4-Nitrophenol	14.874	139	9816	10.73	ng	#	77
57) 2,4-Dinitrotoluene	15.033	165	14731	10.87	ng		96
58) Fluorene	15.716	166	53064	11.17	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.292	232	13403m	11.09	ng		
60) Diethylphthalate	15.480	149	55265	10.97	ng		99
61) 4-Chlorophenyl-phenyle...	15.704	204	26475	11.15	ng		90
62) 4-Nitroaniline	15.727	138	13324	10.62	ng		87
63) Azobenzene	15.998	77	50977	10.97	ng		88
65) 4,6-Dinitro-2-methylph...	15.792	198	7208	9.90	ng	#	74
66) n-Nitrosodiphenylamine	15.916	169	45309	11.06	ng		99
67) 4-Bromophenyl-phenylether	16.592	248	16261	11.03	ng		91
68) Hexachlorobenzene	16.710	284	18914	11.21	ng		94
69) Atrazine	16.857	200	14539	10.97	ng		97
70) Pentachlorophenol	17.051	266	9898	10.49	ng		93
71) Phenanthrene	17.439	178	83956	11.21	ng		99
72) Anthracene	17.533	178	80882	11.17	ng		98
73) Carbazole	17.798	167	76381	11.19	ng		99
74) Di-n-butylphthalate	18.345	149	91067	10.67	ng		99
75) Fluoranthene	19.433	202	94859	11.31	ng		96
78) Pyrene	19.792	202	96532	10.79	ng		99
80) Butylbenzylphthalate	20.668	149	41780	10.72	ng		97
81) Benzo(a)anthracene	21.515	228	95186	11.31	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	26582	9.79	ng	#	97
83) Chrysene	21.562	228	91563	11.23	ng		100
84) Bis(2-ethylhexyl)phtha...	21.427	149	59024	10.59	ng	#	96
85) Di-n-octyl phthalate	22.315	149	99600	11.02	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.144	276	103798	12.35	ng	#	90
88) Benzo(b)fluoranthene	23.127	252	94774	11.01	ng	#	96
89) Benzo(k)fluoranthene	23.168	252	92069	11.00	ng	#	96
90) Benzo(a)pyrene	23.715	252	88208	11.41	ng	#	96
91) Dibenzo(a,h)anthracene	26.156	278	86441	12.33	ng	#	95
92) Benzo(g,h,i)perylene	26.862	276	84639	12.64	ng	#	90

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

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