Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029049.D
Acq On : 09 Mar 2021 17:01
Operator : CG/JU
Sample : M1552-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 17:42:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
24368MS

Manual Integrations APPROVED
mohammad
3/10/2021 11:53:00 AM

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	10660	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	40607	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	23296	20.00	ng	0.00
64) Phenanthrene-d10	17.080	188	46877	20.00	ng	0.00
76) Chrysene-d12	21.263	240	48193	20.00	ng	0.00
86) Perylene-d12	23.415	264	47413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	86559	134.59	ng	0.00
7) Phenol-d6	6.869	99	96974	114.16	ng	0.00
23) Nitrobenzene-d5	8.846	82	68750	91.34	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	37389	135.42	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	149963	85.70	ng	0.00
79) Terphenyl-d14	19.710	244	223015	85.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	10363	42.86	ng	# 1
3) Pyridine	3.517	79	25380	39.77	ng	# 36
4) n-Nitrosodimethylamine	3.428	42	21884	61.38	ng	# 46
6) Aniline	7.005	93	14869	16.37	ng	99
8) 2-Chlorophenol	7.240	128	34983	45.79	ng	95
9) Benzaldehyde	6.816	77	6835	14.76	ng	87
10) Phenol	6.899	94	40474	47.95	ng	93
11) bis(2-Chloroethyl)ether	7.111	93	29892	46.68	ng	91
12) 1,3-Dichlorobenzene	7.552	146	36602	43.93	ng	# 94
13) 1,4-Dichlorobenzene	7.705	146	37607	44.51	ng	98
14) 1,2-Dichlorobenzene	8.016	146	35739	43.96	ng	98
15) Benzyl Alcohol	7.934	79	29278	48.20	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.210	45	50293	51.00	ng	69
17) 2-Methylphenol	8.140	107	27115	47.30	ng	# 92
18) Hexachloroethane	8.728	117	14544	47.37	ng	93
19) n-Nitroso-di-n-propyla...	8.493	70	23552	47.13	ng	# 54
20) 3+4-Methylphenols	8.475	107	36656	47.53	ng	93
22) Acetophenone	8.505	105	49340	49.82	ng	# 85
24) Nitrobenzene	8.887	77	35956	46.98	ng	# 86
25) Isophorone	9.410	82	62512	47.20	ng	95
26) 2-Nitrophenol	9.593	139	18542	47.97	ng	89
27) 2,4-Dimethylphenol	9.663	122	28092	48.43	ng	94
28) bis(2-Chloroethoxy)met...	9.893	93	38185	50.74	ng	99
29) 2,4-Dichlorophenol	10.128	162	30859	46.50	ng	98
30) 1,2,4-Trichlorobenzene	10.328	180	33571	46.13	ng	96
31) Naphthalene	10.510	128	100284	44.79	ng	100
32) Benzoic acid	9.857	122	21958	52.81	ng	# 90
33) 4-Chloroaniline	10.646	127	9567	10.63	ng	94
34) Hexachlorobutadiene	10.781	225	19623	44.98	ng	99
35) Caprolactam	11.457	113	7775	42.83	ng	# 53
36) 4-Chloro-3-methylphenol	11.793	107	33175	49.60	ng	95
37) 2-Methylnaphthalene	12.134	142	69736	44.27	ng	96
38) 1-Methylnaphthalene	12.357	142	66523	44.59	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	33752	46.34	ng	98
41) Hexachlorocyclopentadiene	12.469	237	32659	117.63	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	24295	47.58	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	25880	47.23	ng	#	97
46) 1,1'-Biphenyl	13.163	154	87340	46.75	ng		99
47) 2-Chloronaphthalene	13.204	162	69243	45.40	ng		97
48) 2-Nitroaniline	13.434	65	22003	53.64	ng		92
49) Acenaphthylene	14.057	152	109289	46.66	ng		99
50) Dimethylphthalate	13.810	163	96545	54.69	ng		99
51) 2,6-Dinitrotoluene	13.939	165	19769	48.03	ng		95
52) Acenaphthene	14.404	154	65276	45.44	ng		98
53) 3-Nitroaniline	14.275	138	8598	21.44	ng		87
54) 2,4-Dinitrophenol	14.498	184	23293	110.63	ng		98
55) Dibenzofuran	14.739	168	104983	46.55	ng		96
56) 4-Nitrophenol	14.610	139	31698	96.35	ng		89
57) 2,4-Dinitrotoluene	14.739	165	27617	51.36	ng	#	83
58) Fluorene	15.392	166	85498	47.30	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	21824m	49.56	ng		
60) Diethylphthalate	15.175	149	91459	51.49	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	41768	48.43	ng		92
62) 4-Nitroaniline	15.445	138	17578	45.33	ng		95
63) Azobenzene	15.681	77	82022	50.04	ng		85
65) 4,6-Dinitro-2-methylph...	15.504	198	15121	45.81	ng	#	71
66) n-Nitrosodiphenylamine	15.610	169	72897	45.46	ng		97
67) 4-Bromophenyl-phenylether	16.280	248	24156	45.92	ng	#	89
68) Hexachlorobenzene	16.392	284	27012	46.08	ng		93
69) Atrazine	16.569	200	21731	43.56	ng		96
70) Pentachlorophenol	16.745	266	33884	108.07	ng		98
71) Phenanthrene	17.127	178	129720	46.47	ng		100
72) Anthracene	17.216	178	133785	48.38	ng		99
73) Carbazole	17.498	167	123212	46.44	ng		99
74) Di-n-butylphthalate	18.051	149	158749	52.62	ng		99
75) Fluoranthene	19.139	202	153765	50.13	ng		98
77) Benzidine	19.345	184	6892	4.34	ng	#	93
78) Pyrene	19.504	202	156369	44.17	ng		99
80) Butylbenzylphthalate	20.404	149	75744	49.70	ng		96
81) Benzo(a)anthracene	21.245	228	156051	46.66	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	30194	26.13	ng	#	98
83) Chrysene	21.298	228	152190	46.70	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	111889	51.02	ng	#	96
85) Di-n-octyl phthalate	22.027	149	197877	53.17	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.580	276	179614	50.20	ng	#	91
88) Benzo(b)fluoranthene	22.780	252	161221	48.14	ng	#	98
89) Benzo(k)fluoranthene	22.821	252	155553	48.89	ng	#	98
90) Benzo(a)pyrene	23.327	252	142893	46.76	ng	#	96
91) Dibenzo(a,h)anthracene	25.586	278	153106	49.24	ng	#	95
92) Benzo(g,h,i)perylene	26.239	276	147867	49.25	ng	#	92

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

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