Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029075.D
Acq On : 10 Mar 2021 18:22
Operator : CG/JU
Sample : M1603-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
31-NORTHMSD

Manual Integrations APPROVED
mohammad
3/11/2021 9:26:23 AM

Quant Time: Mar 10 23:39:51 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	8681	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	35381	20.00	ng	# 0.00
39) Acenaphthene-d10	14.333	164	21892	20.00	ng	0.00
64) Phenanthrene-d10	17.080	188	47265	20.00	ng	0.00
76) Chrysene-d12	21.256	240	47951	20.00	ng	# 0.00
86) Perylene-d12	23.415	264	44938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	75252	143.68	ng	0.00
7) Phenol-d6	6.863	99	86467	125.00	ng	0.00
23) Nitrobenzene-d5	8.839	82	62088	94.68	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	39433	151.98	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	146007	88.79	ng	0.00
79) Terphenyl-d14	19.709	244	250704	96.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	7897	40.10	ng	# 1
3) Pyridine	3.510	79	21913	42.17	ng	# 39
4) n-Nitrosodimethylamine	3.416	42	18305	63.05	ng	# 42
6) Aniline	7.004	93	24809	33.54	ng	99
8) 2-Chlorophenol	7.234	128	31560	50.73	ng	95
9) Benzaldehyde	6.816	77	7141	18.94	ng	# 78
10) Phenol	6.893	94	35560	51.73	ng	93
11) bis(2-Chloroethyl)ether	7.104	93	27230	52.21	ng	90
12) 1,3-Dichlorobenzene	7.545	146	31651	46.65	ng	# 92
13) 1,4-Dichlorobenzene	7.698	146	32018	46.53	ng	98
14) 1,2-Dichlorobenzene	8.010	146	31162	47.07	ng	99
15) Benzyl Alcohol	7.928	79	26773	54.12	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.192	45	45056	56.10	ng	69
17) 2-Methylphenol	8.140	107	25119	53.81	ng	# 90
18) Hexachloroethane	8.728	117	12278	49.11	ng	92
19) n-Nitroso-di-n-propyla...	8.487	70	21950	53.94	ng	# 55
20) 3+4-Methylphenols	8.469	107	33370	53.13	ng	93
22) Acetophenone	8.504	105	45569	52.81	ng	# 85
24) Nitrobenzene	8.887	77	32793	49.18	ng	# 86
25) Isophorone	9.404	82	60385	52.33	ng	96
26) 2-Nitrophenol	9.592	139	17297	51.36	ng	86
27) 2,4-Dimethylphenol	9.663	122	27776	54.96	ng	89
28) bis(2-Chloroethoxy)met...	9.892	93	35811	54.62	ng	98
29) 2,4-Dichlorophenol	10.128	162	29143	50.40	ng	94
30) 1,2,4-Trichlorobenzene	10.322	180	30193	47.62	ng	95
31) Naphthalene	10.510	128	90791	46.54	ng	100
32) Benzoic acid	9.863	122	19845	54.78	ng	# 87
33) 4-Chloroaniline	10.645	127	18423	23.50	ng	# 92
34) Hexachlorobutadiene	10.775	225	17262	45.41	ng	94
35) Caprolactam	11.457	113	8130	51.40	ng	# 50
36) 4-Chloro-3-methylphenol	11.792	107	32263	55.36	ng	93
37) 2-Methylnaphthalene	12.133	142	67550	49.22	ng	97
38) 1-Methylnaphthalene	12.351	142	63137	48.57	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	32306	47.20	ng	99
41) Hexachlorocyclopentadiene	12.469	237	27724	106.26	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	23813	49.63	ng	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029075.D
Acq On : 10 Mar 2021 18:22
Operator : CG/JU
Sample : M1603-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
31-NORTHMSD

Manual Integrations APPROVED
mohammad
3/11/2021 9:26:23 AM

Quant Time: Mar 10 23:39:51 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	26035	50.56	ng	#	96
46) 1,1'-Biphenyl	13.163	154	85601	48.76	ng		98
47) 2-Chloronaphthalene	13.204	162	67301	46.96	ng		94
48) 2-Nitroaniline	13.433	65	22355	57.99	ng		87
49) Acenaphthylene	14.057	152	109438	49.72	ng		100
50) Dimethylphthalate	13.810	163	93175	56.16	ng		99
51) 2,6-Dinitrotoluene	13.939	165	19943	51.56	ng		97
52) Acenaphthene	14.398	154	65073	48.21	ng		99
53) 3-Nitroaniline	14.274	138	15535	41.22	ng		85
54) 2,4-Dinitrophenol	14.498	184	24396	123.30	ng		96
55) Dibenzofuran	14.739	168	107347	50.65	ng		98
56) 4-Nitrophenol	14.610	139	31707	102.56	ng	#	85
57) 2,4-Dinitrotoluene	14.739	165	29215	57.82	ng	#	89
58) Fluorene	15.392	166	89067	52.43	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.974	232	22648m	54.72	ng		
60) Diethylphthalate	15.174	149	98055	58.74	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	43465	53.63	ng		95
62) 4-Nitroaniline	15.445	138	20724	56.88	ng		92
63) Azobenzene	15.680	77	85365	55.42	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	16847	50.62	ng	#	75
66) n-Nitrosodiphenylamine	15.610	169	76975	47.61	ng		99
67) 4-Bromophenyl-phenylether	16.274	248	25587	48.25	ng	#	88
68) Hexachlorobenzene	16.386	284	29361	49.68	ng	#	91
69) Atrazine	16.563	200	23929	47.57	ng		97
70) Pentachlorophenol	16.745	266	35660	112.80	ng		99
71) Phenanthrene	17.127	178	141893	50.41	ng		99
72) Anthracene	17.215	178	145758	52.28	ng		99
73) Carbazole	17.498	167	136173	50.90	ng		99
74) Di-n-butylphthalate	18.045	149	179942	59.16	ng		99
75) Fluoranthene	19.139	202	170842	55.24	ng		98
77) Benzidine	19.339	184	41735	26.41	ng		98
78) Pyrene	19.503	202	174235	49.46	ng		99
80) Butylbenzylphthalate	20.403	149	83935	55.35	ng		94
81) Benzo(a)anthracene	21.245	228	167654	50.38	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	42733	37.17	ng	#	98
83) Chrysene	21.297	228	163197	50.33	ng		100
84) Bis(2-ethylhexyl)phtha...	21.168	149	125866	57.68	ng	#	96
85) Di-n-octyl phthalate	22.027	149	211569	57.14	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.580	276	176188	51.96	ng	#	91
88) Benzo(b)fluoranthene	22.774	252	165477	52.13	ng	#	98
89) Benzo(k)fluoranthene	22.821	252	154821	51.34	ng	#	98
90) Benzo(a)pyrene	23.327	252	144806	49.99	ng	#	98
91) Dibenzo(a,h)anthracene	25.585	278	150137	50.94	ng	#	94
92) Benzo(g,h,i)perylene	26.238	276	143411	50.40	ng	#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029075.D
Acq On : 10 Mar 2021 18:22
Operator : CG/JU
Sample : M1603-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 10 23:39:51 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 :
31-NORTHMSD

Manual Integrations APPROVED
mohammad
3/11/2021 9:26:23 AM