Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028553.D
Acq On : 26 Jan 2021 22:35
Operator : CG/JU
Sample : M1234-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HOLLAND-TUNNEL-TEST-PIT-5MS

Manual Integrations APPROVED
mohammad
1/28/2021 11:45:55 AM

Quant Time: Jan 27 03:27:13 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 27 03:11:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	38347	20.00	ng		0.00
21) Naphthalene-d8	10.804	136	141196	20.00	ng	#	0.00
39) Acenaphthene-d10	14.633	164	71284	20.00	ng		0.00
64) Phenanthrene-d10	17.363	188	130730	20.00	ng	#	0.00
76) Chrysene-d12	21.504	240	127767	20.00	ng	#	0.00
86) Perylene-d12	23.774	264	138362	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	212678	87.61	ng		0.01
7) Phenol-d6	7.157	99	268437	81.21	ng		0.00
23) Nitrobenzene-d5	9.169	82	168943	56.75	ng		0.00
42) 2,4,6-Tribromophenol	16.122	330	81541	86.33	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	317596	55.90	ng		0.00
79) Terphenyl-d14	19.957	244	318965	45.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	32567	33.44	ng	#	70
3) Pyridine	3.734	79	95334	35.36	ng	#	56
4) n-Nitrosodimethylamine	3.640	42	57094	36.83	ng	#	66
6) Aniline	7.316	93	69715	19.47	ng		97
8) 2-Chlorophenol	7.552	128	122324	45.32	ng		95
9) Benzaldehyde	7.122	77	62172	36.15	ng		80
10) Phenol	7.187	94	144101	46.26	ng		84
11) bis(2-Chloroethyl)ether	7.410	93	111543	44.40	ng		93
12) 1,3-Dichlorobenzene	7.875	146	135839	42.65	ng	#	92
13) 1,4-Dichlorobenzene	8.028	146	136600	42.41	ng		98
14) 1,2-Dichlorobenzene	8.346	146	130545	42.25	ng		98
15) Benzyl Alcohol	8.240	79	97450	42.31	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.528	45	167535	36.95	ng		71
17) 2-Methylphenol	8.446	107	95479	44.26	ng	#	87
18) Hexachloroethane	9.075	117	49211	40.59	ng		91
19) n-Nitroso-di-n-propyla...	8.810	70	81696	41.51	ng	#	68
20) 3+4-Methylphenols	8.775	107	127439	44.05	ng		89
22) Acetophenone	8.828	105	163925	44.78	ng	#	90
24) Nitrobenzene	9.210	77	122878	42.76	ng	#	85
25) Isophorone	9.740	82	212527	46.60	ng		94
26) 2-Nitrophenol	9.922	139	62310	47.91	ng	#	81
27) 2,4-Dimethylphenol	9.981	122	101472	53.66	ng		87
28) bis(2-Chloroethoxy)met...	10.216	93	136864	42.51	ng		99
29) 2,4-Dichlorophenol	10.457	162	101431	44.95	ng		99
30) 1,2,4-Trichlorobenzene	10.669	180	114075	42.56	ng		96
31) Naphthalene	10.857	128	360129	45.14	ng		99
32) Benzoic acid	10.146	122	75647	44.45	ng	#	83
33) 4-Chloroaniline	10.969	127	51885	15.65	ng		92
34) Hexachlorobutadiene	11.134	225	65492	40.96	ng		98
35) Caprolactam	11.769	113	30045	41.14	ng	#	63
36) 4-Chloro-3-methylphenol	12.092	107	100705	42.93	ng		93
37) 2-Methylnaphthalene	12.463	142	240780m	43.78	ng		
38) 1-Methylnaphthalene	12.681	142	224951	43.11	ng		99
40) 1,2,4,5-Tetrachloroben...	12.834	216	111327	47.35	ng		99
41) Hexachlorocyclopentadiene	12.804	237	54785	49.88	ng		98
43) 2,4,6-Trichlorophenol	13.075	196	73167	46.39	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028553.D
Acq On : 26 Jan 2021 22:35
Operator : CG/JU
Sample : M1234-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HOLLAND-TUNNEL-TEST-PIT-5MS

Manual Integrations APPROVED
mohammad
1/28/2021 11:45:55 AM

Quant Time: Jan 27 03:27:13 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 27 03:11:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	77330	47.38	ng		98
46) 1,1'-Biphenyl	13.475	154	284605	46.78	ng		99
47) 2-Chloronaphthalene	13.516	162	217728	43.79	ng		98
48) 2-Nitroaniline	13.722	65	64867	41.61	ng	#	86
49) Acenaphthylene	14.363	152	549928	74.54	ng		99
50) Dimethylphthalate	14.092	163	263418	44.95	ng		100
51) 2,6-Dinitrotoluene	14.216	165	57041	45.75	ng	#	86
52) Acenaphthene	14.698	154	214775	46.89	ng		99
53) 3-Nitroaniline	14.545	138	42457	30.21	ng		88
54) 2,4-Dinitrophenol	14.757	184	24791	33.39	ng		89
55) Dibenzofuran	15.033	168	313978	44.57	ng		98
56) 4-Nitrophenol	14.857	139	97909	88.48	ng	#	72
57) 2,4-Dinitrotoluene	15.004	165	73282	44.13	ng		88
58) Fluorene	15.680	166	258535	44.80	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	64060	44.40	ng		95
60) Diethylphthalate	15.445	149	248013	41.69	ng		99
61) 4-Chlorophenyl-phenyle...	15.669	204	118580	41.71	ng		96
62) 4-Nitroaniline	15.704	138	55163	36.05	ng	#	79
63) Azobenzene	15.963	77	233894	41.88	ng		90
65) 4,6-Dinitro-2-methylph...	15.763	198	16752	20.63	ng		80
66) n-Nitrosodiphenylamine	15.886	169	211029	48.21	ng		99
67) 4-Bromophenyl-phenylether	16.557	248	71076	45.91	ng		97
68) Hexachlorobenzene	16.674	284	79117	43.98	ng		97
69) Atrazine	16.827	200	57108	44.01	ng		97
70) Pentachlorophenol	17.016	266	98854	100.82	ng		98
71) Phenanthrene	17.410	178	546153	67.93	ng		99
72) Anthracene	17.498	178	507654	65.37	ng		99
73) Carbazole	17.769	167	351756	47.76	ng		99
74) Di-n-butylphthalate	18.310	149	410232	46.30	ng		99
75) Fluoranthene	19.410	202	1400487	155.10	ng		96
77) Benzidine	19.586	184	195709	68.12	ng		99
78) Pyrene	19.768	202	1313678	143.40	ng		99
80) Butylbenzylphthalate	20.639	149	187323	46.38	ng		95
81) Benzo(a)anthracene	21.492	228	1004077	113.80	ng		94
82) 3,3'-Dichlorobenzidine	21.415	252	108157	38.14	ng	#	98
83) Chrysene	21.539	228	868518	101.97	ng		98
84) Bis(2-ethylhexyl)phtha...	21.398	149	276768	48.46	ng		97
85) Di-n-octyl phthalate	22.280	149	490235	50.77	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.121	276	907912m	88.07	ng		
88) Benzo(b)fluoranthene	23.104	252	1164252	123.95	ng	#	95
89) Benzo(k)fluoranthene	23.145	252	754044	82.21	ng	#	95
90) Benzo(a)pyrene	23.692	252	1026385	117.92	ng	#	95
91) Dibenzo(a,h)anthracene	26.121	278	499304	58.54	ng	#	93
92) Benzo(g,h,i)perylene	26.833	276	795047	94.77	ng	#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028553.D
Acq On : 26 Jan 2021 22:35
Operator : CG/JU
Sample : M1234-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 27 03:27:13 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 27 03:11:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
HOLLAND-TUNNEL-TEST-PIT-5MS

Manual Integrations APPROVED
mohammad
1/28/2021 11:45:55 AM