Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028554.D
Acq On : 26 Jan 2021 23:11
Operator : CG/JU
Sample : M1234-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
1/28/2021 11:46:00 AM

Quant Time: Jan 27 03:27:38 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	36390	20.00	ng		0.00
21) Naphthalene-d8	10.804	136	136718	20.00	ng		# 0.00
39) Acenaphthene-d10	14.639	164	70228	20.00	ng		0.00
64) Phenanthrene-d10	17.363	188	134154	20.00	ng		# 0.00
76) Chrysene-d12	21.503	240	127282	20.00	ng		# 0.00
86) Perylene-d12	23.780	264	136511	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	220984	95.93	ng		0.01
7) Phenol-d6	7.157	99	283527	90.39	ng		0.00
23) Nitrobenzene-d5	9.169	82	177626	61.62	ng		0.00
42) 2,4,6-Tribromophenol	16.121	330	91323	98.15	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	343533	61.37	ng		0.00
79) Terphenyl-d14	19.956	244	366247	51.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	29574	32.00	ng	#	69
3) Pyridine	3.734	79	88845	34.72	ng	#	57
4) n-Nitrosodimethylamine	3.640	42	55010	37.39	ng	#	65
6) Aniline	7.322	93	85051	25.03	ng		97
8) 2-Chlorophenol	7.551	128	119626	46.70	ng		95
9) Benzaldehyde	7.122	77	60204	36.89	ng		81
10) Phenol	7.187	94	143357	48.50	ng		84
11) bis(2-Chloroethyl)ether	7.416	93	108616	45.56	ng		94
12) 1,3-Dichlorobenzene	7.875	146	130761	43.26	ng	#	91
13) 1,4-Dichlorobenzene	8.028	146	133277	43.60	ng		98
14) 1,2-Dichlorobenzene	8.345	146	127394	43.45	ng		96
15) Benzyl Alcohol	8.240	79	97120	44.44	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.528	45	165864	38.55	ng		71
17) 2-Methylphenol	8.445	107	94132	45.98	ng	#	87
18) Hexachloroethane	9.075	117	46766	40.65	ng		89
19) n-Nitroso-di-n-propyla...	8.810	70	81004	43.37	ng	#	69
20) 3+4-Methylphenols	8.775	107	126654	46.13	ng		89
22) Acetophenone	8.828	105	161726	45.63	ng	#	90
24) Nitrobenzene	9.210	77	122234	43.93	ng	#	89
25) Isophorone	9.739	82	212444	48.10	ng		95
26) 2-Nitrophenol	9.922	139	62369	49.53	ng	#	79
27) 2,4-Dimethylphenol	9.981	122	100671	54.98	ng		87
28) bis(2-Chloroethoxy)met...	10.216	93	136870	43.91	ng		98
29) 2,4-Dichlorophenol	10.457	162	103343	47.30	ng		99
30) 1,2,4-Trichlorobenzene	10.669	180	112305	43.27	ng		99
31) Naphthalene	10.857	128	357275	46.25	ng		99
32) Benzoic acid	10.145	122	75058	45.55	ng	#	82
33) 4-Chloroaniline	10.969	127	67231	20.95	ng		93
34) Hexachlorobutadiene	11.134	225	65768	42.47	ng		98
35) Caprolactam	11.775	113	31033	43.89	ng	#	67
36) 4-Chloro-3-methylphenol	12.098	107	103001	45.34	ng		91
37) 2-Methylnaphthalene	12.463	142	243563	45.74	ng		96
38) 1-Methylnaphthalene	12.686	142	227495	45.03	ng		100
40) 1,2,4,5-Tetrachloroben...	12.833	216	112038	48.37	ng		98
41) Hexachlorocyclopentadiene	12.804	237	35440	32.75	ng		97
43) 2,4,6-Trichlorophenol	13.075	196	76538	49.26	ng		98

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44) 2,4,5-Trichlorophenol	13.145	196	80564	50.11	ng		96
46) 1,1'-Biphenyl	13.475	154	291600	48.66	ng		99
47) 2-Chloronaphthalene	13.516	162	223429	45.62	ng		98
48) 2-Nitroaniline	13.722	65	67855	44.18	ng		86
49) Acenaphthylene	14.363	152	591036	81.32	ng		100
50) Dimethylphthalate	14.098	163	276463	47.89	ng		100
51) 2,6-Dinitrotoluene	14.222	165	58846	47.91	ng	#	84
52) Acenaphthene	14.704	154	225402	49.95	ng		99
53) 3-Nitroaniline	14.545	138	49349	35.64	ng		87
54) 2,4-Dinitrophenol	14.757	184	17521	23.95	ng		89
55) Dibenzofuran	15.033	168	329450	47.47	ng		98
56) 4-Nitrophenol	14.857	139	104110	95.49	ng	#	73
57) 2,4-Dinitrotoluene	15.004	165	77663	47.47	ng		90
58) Fluorene	15.680	166	274232	48.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	68353	48.09	ng		95
60) Diethylphthalate	15.451	149	262430	44.77	ng		99
61) 4-Chlorophenyl-phenyle...	15.669	204	123965	44.26	ng		95
62) 4-Nitroaniline	15.704	138	60186	39.93	ng	#	79
63) Azobenzene	15.963	77	246807	44.85	ng		90
65) 4,6-Dinitro-2-methylph...	15.769	198	12634	15.16	ng		83
66) n-Nitrosodiphenylamine	15.886	169	225823	50.27	ng		97
67) 4-Bromophenyl-phenylether	16.557	248	75449	47.49	ng		95
68) Hexachlorobenzene	16.674	284	85427	46.27	ng		96
69) Atrazine	16.827	200	60991	45.80	ng		97
70) Pentachlorophenol	17.021	266	105940	105.28	ng		98
71) Phenanthrene	17.410	178	597942	72.47	ng		100
72) Anthracene	17.498	178	556288	69.80	ng		98
73) Carbazole	17.768	167	380670	50.37	ng		99
74) Di-n-butylphthalate	18.315	149	446229	49.07	ng		98
75) Fluoranthene	19.415	202	1572294	169.69	ng		97
77) Benzidine	19.586	184	229222	80.08	ng		100
78) Pyrene	19.774	202	1464269	160.44	ng		99
80) Butylbenzylphthalate	20.639	149	211241	52.50	ng		96
81) Benzo(a)anthracene	21.492	228	1134308	129.05	ng		95
82) 3,3'-Dichlorobenzidine	21.421	252	136398	48.29	ng	#	99
83) Chrysene	21.545	228	924870	109.00	ng		98
84) Bis(2-ethylhexyl)phtha...	21.398	149	303050	53.26	ng		98
85) Di-n-octyl phthalate	22.286	149	523093	54.38	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.127	276	964539m	94.83	ng		
88) Benzo(b)fluoranthene	23.103	252	1312632	141.64	ng	#	96
89) Benzo(k)fluoranthene	23.144	252	764673	84.50	ng	#	95
90) Benzo(a)pyrene	23.692	252	1113630	129.68	ng	#	95
91) Dibenzo(a,h)anthracene	26.127	278	523049	62.16	ng	#	93
92) Benzo(g,h,i)perylene	26.838	276	847290	102.37	ng	#	90

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

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