Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029072.D
Acq On : 10 Mar 2021 16:32
Operator : CG/JU
Sample : M1615-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-04-015-ABCDMSD

Manual Integrations APPROVED
mohammad
3/11/2021 9:26:18 AM

Quant Time: Mar 10 17:04:07 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	7781	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	32228	20.00	ng		# 0.00
39) Acenaphthene-d10	14.339	164	19271	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	38994	20.00	ng		0.00
76) Chrysene-d12	21.256	240	37111	20.00	ng		# 0.00
86) Perylene-d12	23.415	264	35670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	56194	119.71	ng		-0.01
7) Phenol-d6	6.863	99	67460	108.80	ng		0.00
23) Nitrobenzene-d5	8.839	82	44857	75.09	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	25337	110.93	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	104030	71.86	ng		0.00
79) Terphenyl-d14	19.709	244	145448	72.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.075	88	7161	40.57	ng	#	62
3) Pyridine	3.493	79	20053	43.05	ng	#	41
4) n-Nitrosodimethylamine	3.410	42	15636	60.08	ng	#	48
6) Aniline	7.004	93	20139	30.37	ng		99
8) 2-Chlorophenol	7.234	128	28269	50.70	ng		95
9) Benzaldehyde	6.816	77	6936	20.52	ng		84
10) Phenol	6.892	94	33978	55.15	ng		92
11) bis(2-Chloroethyl)ether	7.104	93	23934	51.20	ng		93
12) 1,3-Dichlorobenzene	7.551	146	29695	48.83	ng	#	94
13) 1,4-Dichlorobenzene	7.698	146	29817	48.35	ng		99
14) 1,2-Dichlorobenzene	8.010	146	29142	49.11	ng		97
15) Benzyl Alcohol	7.928	79	23304	52.56	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.204	45	40275	55.95	ng		70
17) 2-Methylphenol	8.133	107	22229	53.13	ng	#	91
18) Hexachloroethane	8.728	117	11629	51.89	ng		93
19) n-Nitroso-di-n-propyla...	8.486	70	19347	53.04	ng	#	56
20) 3+4-Methylphenols	8.469	107	30423	54.04	ng		93
22) Acetophenone	8.504	105	39776	50.61	ng	#	84
24) Nitrobenzene	8.886	77	29192	48.06	ng	#	84
25) Isophorone	9.404	82	52366	49.82	ng		97
26) 2-Nitrophenol	9.592	139	15108	49.25	ng		88
27) 2,4-Dimethylphenol	9.663	122	24311	52.81	ng		92
28) bis(2-Chloroethoxy)met...	9.886	93	31233	52.30	ng		99
29) 2,4-Dichlorophenol	10.127	162	25816	49.01	ng		98
30) 1,2,4-Trichlorobenzene	10.327	180	27358	47.37	ng		98
31) Naphthalene	10.510	128	81960	46.13	ng		99
32) Benzoic acid	9.833	122	13159	39.88	ng	#	84
33) 4-Chloroaniline	10.639	127	18585	26.02	ng	#	93
34) Hexachlorobutadiene	10.775	225	16320	47.13	ng		98
35) Caprolactam	11.457	113	8112	56.30	ng	#	52
36) 4-Chloro-3-methylphenol	11.792	107	27756	52.29	ng		93
37) 2-Methylnaphthalene	12.133	142	60010	48.00	ng		98
38) 1-Methylnaphthalene	12.357	142	57070	48.20	ng		100
40) 1,2,4,5-Tetrachloroben...	12.510	216	28556	47.39	ng		97
41) Hexachlorocyclopentadiene	12.469	237	26891	117.08	ng		97
43) 2,4,6-Trichlorophenol	12.768	196	20169	47.75	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	22061	48.67	ng		97
46) 1,1'-Biphenyl	13.163	154	74223	48.02	ng		98
47) 2-Chloronaphthalene	13.204	162	58990	46.76	ng		97
48) 2-Nitroaniline	13.433	65	18350	54.08	ng		91
49) Acenaphthylene	14.057	152	93905	48.46	ng		99
50) Dimethylphthalate	13.804	163	80294	54.98	ng		99
51) 2,6-Dinitrotoluene	13.939	165	16662	48.93	ng		93
52) Acenaphthene	14.404	154	55859	47.01	ng		97
53) 3-Nitroaniline	14.274	138	11996	36.16	ng		82
54) 2,4-Dinitrophenol	14.498	184	16305	93.62	ng		95
55) Dibenzofuran	14.739	168	89548	48.00	ng		98
56) 4-Nitrophenol	14.610	139	25227	92.70	ng		90
57) 2,4-Dinitrotoluene	14.739	165	23086	51.90	ng	#	86
58) Fluorene	15.392	166	73188	48.94	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.974	232	18375m	50.44	ng		
60) Diethylphthalate	15.174	149	79203	53.90	ng		96
61) 4-Chlorophenyl-phenyle...	15.386	204	36086	50.58	ng		94
62) 4-Nitroaniline	15.445	138	15678	48.88	ng		94
63) Azobenzene	15.680	77	69699	51.41	ng		85
65) 4,6-Dinitro-2-methylph...	15.509	198	12430	45.27	ng	#	78
66) n-Nitrosodiphenylamine	15.609	169	62778	47.06	ng		97
67) 4-Bromophenyl-phenylether	16.280	248	21162	48.37	ng		92
68) Hexachlorobenzene	16.392	284	23229	47.64	ng		95
69) Atrazine	16.562	200	18408	44.35	ng		96
70) Pentachlorophenol	16.745	266	25770	98.81	ng		98
71) Phenanthrene	17.127	178	108432	46.70	ng		99
72) Anthracene	17.215	178	112401	48.86	ng		99
73) Carbazole	17.498	167	101450	45.97	ng		99
74) Di-n-butylphthalate	18.045	149	134371	53.55	ng		100
75) Fluoranthene	19.139	202	125027	49.00	ng		98
77) Benzidine	19.339	184	36696	30.01	ng		99
78) Pyrene	19.503	202	125916	46.19	ng		99
80) Butylbenzylphthalate	20.403	149	60218	51.31	ng		94
81) Benzo(a)anthracene	21.244	228	119695	46.47	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	25966	29.18	ng	#	97
83) Chrysene	21.297	228	117285	46.73	ng		99
84) Bis(2-ethylhexyl)phtha...	21.168	149	90100	53.35	ng		96
85) Di-n-octyl phthalate	22.021	149	154014	53.75	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.579	276	134414	49.94	ng	#	91
88) Benzo(b)fluoranthene	22.774	252	124424	49.38	ng	#	96
89) Benzo(k)fluoranthene	22.815	252	113579	47.45	ng	#	97
90) Benzo(a)pyrene	23.327	252	107671	46.83	ng	#	97
91) Dibenzo(a,h)anthracene	25.579	278	113967	48.72	ng	#	95
92) Benzo(g,h,i)perylene	26.238	276	110548	48.94	ng	#	92

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

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