Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029071.D
Acq On : 10 Mar 2021 15:55
Operator : CG/JU
Sample : M1615-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 10 16:47:41 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 :
FK-BPM-04-015-ABCDMS

Manual Integrations APPROVED

mohammad

3/11/2021 9:26:15 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	7990	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	32674	20.00	ng		# 0.00
39) Acenaphthene-d10	14.339	164	20204	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	41959	20.00	ng		0.00
76) Chrysene-d12	21.262	240	42930	20.00	ng		0.00
86) Perylene-d12	23.415	264	41204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	57174	118.61	ng		0.00
7) Phenol-d6	6.863	99	70048	110.02	ng		0.00
23) Nitrobenzene-d5	8.839	82	46066	76.06	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	26824	112.02	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	105837	69.74	ng		0.00
79) Terphenyl-d14	19.709	244	164272	70.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.075	88	7023	38.75	ng	#	53
3) Pyridine	3.493	79	21399	44.74	ng	#	34
4) n-Nitrosodimethylamine	3.410	42	16423	61.46	ng	#	42
6) Aniline	7.004	93	19976	29.34	ng		98
8) 2-Chlorophenol	7.234	128	28992	50.63	ng		98
9) Benzaldehyde	6.816	77	7089	20.43	ng		83
10) Phenol	6.892	94	35219	55.66	ng		93
11) bis(2-Chloroethyl)ether	7.104	93	24842	51.76	ng		91
12) 1,3-Dichlorobenzene	7.551	146	29816	47.75	ng	#	93
13) 1,4-Dichlorobenzene	7.698	146	30745	48.55	ng		98
14) 1,2-Dichlorobenzene	8.010	146	29466	48.36	ng		98
15) Benzyl Alcohol	7.928	79	24168	53.08	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.204	45	41150	55.67	ng		70
17) 2-Methylphenol	8.139	107	23156	53.89	ng	#	89
18) Hexachloroethane	8.728	117	11673	50.73	ng		94
19) n-Nitroso-di-n-propyla...	8.486	70	19487	52.03	ng	#	51
20) 3+4-Methylphenols	8.469	107	31018	53.66	ng		92
22) Acetophenone	8.504	105	40649	51.01	ng	#	84
24) Nitrobenzene	8.886	77	29960	48.65	ng	#	85
25) Isophorone	9.404	82	53283	50.00	ng		95
26) 2-Nitrophenol	9.592	139	15733	50.58	ng	#	85
27) 2,4-Dimethylphenol	9.663	122	25049	53.67	ng		93
28) bis(2-Chloroethoxy)met...	9.892	93	32001	52.85	ng	#	96
29) 2,4-Dichlorophenol	10.128	162	27064	50.68	ng		98
30) 1,2,4-Trichlorobenzene	10.328	180	28033	47.88	ng		100
31) Naphthalene	10.510	128	84720	47.03	ng		99
32) Benzoic acid	9.828	122	12142m	36.29	ng		
33) 4-Chloroaniline	10.639	127	19709	27.22	ng		94
34) Hexachlorobutadiene	10.775	225	16369	46.63	ng		98
35) Caprolactam	11.457	113	8642	59.16	ng	#	44
36) 4-Chloro-3-methylphenol	11.792	107	28154	52.31	ng		96
37) 2-Methylnaphthalene	12.133	142	61995	48.91	ng		98
38) 1-Methylnaphthalene	12.357	142	57258	47.70	ng		96
40) 1,2,4,5-Tetrachloroben...	12.510	216	29815	47.20	ng		99
41) Hexachlorocyclopentadiene	12.469	237	26959	111.96	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	20462	46.21	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	22773	47.92	ng	#	97
46) 1,1'-Biphenyl	13.163	154	76425	47.17	ng		99
47) 2-Chloronaphthalene	13.204	162	60984	46.11	ng		97
48) 2-Nitroaniline	13.433	65	19574	55.02	ng		94
49) Acenaphthylene	14.057	152	97023	47.76	ng		99
50) Dimethylphthalate	13.810	163	84550	55.22	ng		100
51) 2,6-Dinitrotoluene	13.939	165	17329	48.54	ng		95
52) Acenaphthene	14.404	154	57709	46.32	ng		96
53) 3-Nitroaniline	14.274	138	12609	36.25	ng		84
54) 2,4-Dinitrophenol	14.498	184	16241	88.94	ng		92
55) Dibenzofuran	14.739	168	91744	46.91	ng		99
56) 4-Nitrophenol	14.610	139	26646	93.39	ng		87
57) 2,4-Dinitrotoluene	14.739	165	24996	53.60	ng	#	86
58) Fluorene	15.392	166	76963	49.09	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	19062m	49.91	ng		
60) Diethylphthalate	15.174	149	83139	53.97	ng		97
61) 4-Chlorophenyl-phenyle...	15.386	204	37217	49.75	ng		90
62) 4-Nitroaniline	15.445	138	17408	51.77	ng		93
63) Azobenzene	15.680	77	73413	51.65	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	12528	42.40	ng	#	70
66) n-Nitrosodiphenylamine	15.610	169	65899	45.91	ng		98
67) 4-Bromophenyl-phenylether	16.280	248	22537	47.87	ng	#	91
68) Hexachlorobenzene	16.392	284	24915	47.49	ng		94
69) Atrazine	16.562	200	20372	45.62	ng		97
70) Pentachlorophenol	16.745	266	27829	99.16	ng		98
71) Phenanthrene	17.127	178	117730	47.12	ng		99
72) Anthracene	17.215	178	122306	49.41	ng		99
73) Carbazole	17.498	167	111367	46.90	ng		98
74) Di-n-butylphthalate	18.051	149	149941	55.53	ng		99
75) Fluoranthene	19.145	202	140371	51.12	ng		99
77) Benzidine	19.339	184	44840	31.70	ng		99
78) Pyrene	19.503	202	143148	45.39	ng		99
80) Butylbenzylphthalate	20.403	149	70276	51.76	ng		95
81) Benzo(a)anthracene	21.244	228	140308	47.09	ng		100
82) 3,3'-Dichlorobenzidine	21.186	252	28809	27.99	ng	#	97
83) Chrysene	21.297	228	136958	47.17	ng		99
84) Bis(2-ethylhexyl)phtha...	21.168	149	105483	53.99	ng	#	96
85) Di-n-octyl phthalate	22.027	149	181772	54.83	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.585	276	150367	48.36	ng	#	91
88) Benzo(b)fluoranthene	22.780	252	141305	48.55	ng	#	98
89) Benzo(k)fluoranthene	22.821	252	134583	48.68	ng	#	98
90) Benzo(a)pyrene	23.327	252	125630	47.30	ng	#	98
91) Dibenzo(a,h)anthracene	25.585	278	127639	47.24	ng	#	94
92) Benzo(g,h,i)perylene	26.244	276	120841	46.31	ng	#	93

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

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