Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029056.D
Acq On : 09 Mar 2021 21:19
Operator : CG/JU
Sample : M1603-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
32-NORTHMSD

Manual Integrations APPROVED
mohammad
3/10/2021 11:53:10 AM

Quant Time: Mar 10 03:39:26 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	10034	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	38191	20.00	ng	# 0.00
39) Acenaphthene-d10	14.333	164	20932	20.00	ng	0.00
64) Phenanthrene-d10	17.080	188	41623	20.00	ng	0.00
76) Chrysene-d12	21.256	240	45293	20.00	ng	# 0.00
86) Perylene-d12	23.415	264	48347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	76892	127.02	ng	0.00
7) Phenol-d6	6.869	99	98853	123.63	ng	0.00
23) Nitrobenzene-d5	8.845	82	65491	92.52	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	27604	111.27	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	142457	90.60	ng	0.00
79) Terphenyl-d14	19.709	244	201961	82.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	9201	40.42	ng	# 57
3) Pyridine	3.504	79	25997	43.28	ng	# 35
4) n-Nitrosodimethylamine	3.422	42	19515	58.15	ng	# 47
6) Aniline	7.004	93	28504	33.34	ng	98
8) 2-Chlorophenol	7.234	128	32547	45.26	ng	95
9) Benzaldehyde	6.816	77	8256	18.94	ng	84
10) Phenol	6.892	94	39944	50.27	ng	93
11) bis(2-Chloroethyl)ether	7.104	93	28265	46.89	ng	88
12) 1,3-Dichlorobenzene	7.551	146	35167m	44.84	ng	
13) 1,4-Dichlorobenzene	7.698	146	35940	45.19	ng	97
14) 1,2-Dichlorobenzene	8.016	146	34673	45.31	ng	99
15) Benzyl Alcohol	7.928	79	26161	45.75	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.210	45	47059	50.70	ng	70
17) 2-Methylphenol	8.139	107	25180	46.67	ng	# 91
18) Hexachloroethane	8.728	117	13788	47.71	ng	91
19) n-Nitroso-di-n-propyla...	8.486	70	21269	45.22	ng	# 54
20) 3+4-Methylphenols	8.469	107	33531	46.19	ng	94
22) Acetophenone	8.504	105	45279	48.61	ng	# 85
24) Nitrobenzene	8.886	77	33395	46.40	ng	# 86
25) Isophorone	9.404	82	56423	45.30	ng	95
26) 2-Nitrophenol	9.592	139	17243	47.43	ng	# 84
27) 2,4-Dimethylphenol	9.663	122	26272	48.16	ng	93
28) bis(2-Chloroethoxy)met...	9.892	93	34768	49.13	ng	98
29) 2,4-Dichlorophenol	10.128	162	28397	45.50	ng	97
30) 1,2,4-Trichlorobenzene	10.328	180	31408	45.89	ng	98
31) Naphthalene	10.510	128	93395	44.36	ng	99
32) Benzoic acid	9.845	122	19541	49.97	ng	# 85
33) 4-Chloroaniline	10.639	127	24391	28.82	ng	94
34) Hexachlorobutadiene	10.775	225	18754	45.70	ng	98
35) Caprolactam	11.451	113	8250	48.32	ng	# 47
36) 4-Chloro-3-methylphenol	11.786	107	28972	46.06	ng	94
37) 2-Methylnaphthalene	12.127	142	65372	44.13	ng	99
38) 1-Methylnaphthalene	12.351	142	61472	43.81	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	31700	48.44	ng	99
41) Hexachlorocyclopentadiene	12.469	237	30227	121.16	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	21323	46.48	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	22970	46.65	ng		96
46) 1,1'-Biphenyl	13.163	154	79767	47.52	ng		99
47) 2-Chloronaphthalene	13.204	162	63268	46.17	ng		97
48) 2-Nitroaniline	13.433	65	18776	50.94	ng		88
49) Acenaphthylene	14.057	152	98541	46.82	ng		100
50) Dimethylphthalate	13.810	163	81949	51.66	ng		99
51) 2,6-Dinitrotoluene	13.939	165	16721	45.21	ng		94
52) Acenaphthene	14.398	154	57977	44.92	ng		96
53) 3-Nitroaniline	14.268	138	12722	35.30	ng		87
54) 2,4-Dinitrophenol	14.492	184	18338	96.93	ng		96
55) Dibenzofuran	14.739	168	92646	45.72	ng		98
56) 4-Nitrophenol	14.604	139	27586	93.32	ng		86
57) 2,4-Dinitrotoluene	14.733	165	23316	48.26	ng	#	79
58) Fluorene	15.392	166	75084	46.23	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.974	232	18687m	47.22	ng		
60) Diethylphthalate	15.174	149	78757	49.35	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	36788	47.47	ng		92
62) 4-Nitroaniline	15.439	138	16091	46.19	ng		96
63) Azobenzene	15.680	77	70920	48.16	ng		85
65) 4,6-Dinitro-2-methylph...	15.504	198	12562	42.86	ng	#	76
66) n-Nitrosodiphenylamine	15.610	169	63674	44.72	ng		98
67) 4-Bromophenyl-phenylether	16.274	248	21019	45.00	ng	#	88
68) Hexachlorobenzene	16.386	284	23595	45.34	ng	#	93
69) Atrazine	16.562	200	18408	41.55	ng		96
70) Pentachlorophenol	16.739	266	28541	102.52	ng		99
71) Phenanthrene	17.127	178	113880	45.95	ng		100
72) Anthracene	17.215	178	116472	47.44	ng		99
73) Carbazole	17.498	167	106283	45.12	ng		98
74) Di-n-butylphthalate	18.045	149	136671	51.02	ng		99
75) Fluoranthene	19.139	202	134535	49.39	ng		98
77) Benzidine	19.339	184	58528	39.21	ng		99
78) Pyrene	19.503	202	141624	42.56	ng		99
80) Butylbenzylphthalate	20.403	149	66645	46.53	ng		95
81) Benzo(a)anthracene	21.244	228	143686	45.71	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	38864	35.79	ng	#	98
83) Chrysene	21.297	228	142089	46.39	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	102754	49.85	ng		96
85) Di-n-octyl phthalate	22.027	149	182606	52.21	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.574	276	177580	48.67	ng	#	91
88) Benzo(b)fluoranthene	22.774	252	158904	46.53	ng	#	97
89) Benzo(k)fluoranthene	22.815	252	144393	44.51	ng	#	97
90) Benzo(a)pyrene	23.327	252	140109	44.96	ng	#	98
91) Dibenzo(a,h)anthracene	25.579	278	150082	47.33	ng	#	95
92) Benzo(g,h,i)perylene	26.232	276	147238	48.09	ng	#	91

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

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