Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
Data File : BM029021.D
Acq On : 08 Mar 2021 16:29
Operator : CG/JU
Sample : M1576-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-GW803-SO-030421MS

Manual Integrations APPROVED
mohammad
3/9/2021 12:20:21 PM

Quant Time: Mar 08 17:00:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	10702	20.00	ng		-0.01
21) Naphthalene-d8	10.463	136	39820	20.00	ng		#-0.01
39) Acenaphthene-d10	14.339	164	21779	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	43051	20.00	ng		-0.01
76) Chrysene-d12	21.262	240	42134	20.00	ng		#-0.01
86) Perylene-d12	23.415	264	43446	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	86566	134.07	ng		0.00
7) Phenol-d6	6.875	99	94908	111.29	ng		0.00
23) Nitrobenzene-d5	8.851	82	70799	95.92	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	37766	146.31	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	153699	93.95	ng		0.00
79) Terphenyl-d14	19.715	244	211750	92.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	10536	43.40	ng	#	1
3) Pyridine	3.516	79	24775	38.67	ng	#	31
4) n-Nitrosodimethylamine	3.428	42	22119	61.80	ng	#	41
6) Aniline	7.016	93	6895	7.56	ng		96
8) 2-Chlorophenol	7.240	128	35020	45.66	ng		96
9) Benzaldehyde	6.822	77	10136	21.81	ng		79
10) Phenol	6.904	94	39019	46.04	ng		92
11) bis(2-Chloroethyl)ether	7.110	93	30515	47.46	ng		92
12) 1,3-Dichlorobenzene	7.557	146	38694m	46.26	ng		
13) 1,4-Dichlorobenzene	7.704	146	39345	46.38	ng		98
14) 1,2-Dichlorobenzene	8.022	146	37521	45.97	ng		97
15) Benzyl Alcohol	7.934	79	28960	47.49	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.204	45	51606	52.12	ng		69
17) 2-Methylphenol	8.145	107	26795	46.56	ng	#	92
18) Hexachloroethane	8.734	117	15312	49.68	ng		90
19) n-Nitroso-di-n-propyla...	8.492	70	23660	47.16	ng	#	50
20) 3+4-Methylphenols	8.481	107	35803	46.24	ng		92
22) Acetophenone	8.510	105	49875	51.36	ng	#	84
24) Nitrobenzene	8.892	77	36374	48.47	ng	#	86
25) Isophorone	9.416	82	62802	48.36	ng		95
26) 2-Nitrophenol	9.598	139	19202	50.66	ng		86
27) 2,4-Dimethylphenol	9.669	122	28385	49.91	ng		93
28) bis(2-Chloroethoxy)met...	9.898	93	38287	51.89	ng		97
29) 2,4-Dichlorophenol	10.133	162	31192	47.93	ng		100
30) 1,2,4-Trichlorobenzene	10.333	180	33879	47.48	ng		98
31) Naphthalene	10.516	128	100484	45.77	ng		99
32) Benzoic acid	9.851	122	22047	54.07	ng	#	85
33) 4-Chloroaniline	10.651	127	3282	3.72	ng		93
34) Hexachlorobutadiene	10.786	225	20612	48.18	ng		99
35) Caprolactam	11.469	113	7258	40.77	ng	#	44
36) 4-Chloro-3-methylphenol	11.792	107	32406	49.41	ng		95
37) 2-Methylnaphthalene	12.139	142	71942	46.57	ng		98
38) 1-Methylnaphthalene	12.357	142	67023	45.81	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	34460	50.61	ng		99
41) Hexachlorocyclopentadiene	12.474	237	36508	140.65	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	24511	51.35	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	26176	51.10	ng		96
46) 1,1'-Biphenyl	13.169	154	88153	50.47	ng		99
47) 2-Chloronaphthalene	13.210	162	69492	48.74	ng		97
48) 2-Nitroaniline	13.439	65	21940	57.21	ng		91
49) Acenaphthylene	14.063	152	108590	49.59	ng		99
50) Dimethylphthalate	13.816	163	88462	53.60	ng		100
51) 2,6-Dinitrotoluene	13.945	165	19302	50.16	ng		94
52) Acenaphthene	14.404	154	65162	48.52	ng		99
53) 3-Nitroaniline	14.280	138	4441	11.84	ng		82
54) 2,4-Dinitrophenol	14.498	184	22944	116.56	ng		95
55) Dibenzofuran	14.745	168	103408	49.05	ng		98
56) 4-Nitrophenol	14.616	139	31501	102.42	ng		88
57) 2,4-Dinitrotoluene	14.739	165	27036	53.78	ng	#	81
58) Fluorene	15.392	166	84597	50.06	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.980	232	21989m	53.41	ng		
60) Diethylphthalate	15.180	149	91777	55.27	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	42029	52.12	ng		92
62) 4-Nitroaniline	15.445	138	15486	42.72	ng		98
63) Azobenzene	15.686	77	82208	53.65	ng		85
65) 4,6-Dinitro-2-methylph...	15.504	198	15023	49.56	ng	#	72
66) n-Nitrosodiphenylamine	15.615	169	72246	49.06	ng		99
67) 4-Bromophenyl-phenylether	16.280	248	24197	50.09	ng	#	88
68) Hexachlorobenzene	16.392	284	26930	50.03	ng	#	94
69) Atrazine	16.568	200	21561	47.06	ng		98
70) Pentachlorophenol	16.745	266	34225	118.86	ng		98
71) Phenanthrene	17.127	178	127182	49.61	ng		99
72) Anthracene	17.221	178	131413	51.75	ng		98
73) Carbazole	17.504	167	118345	48.57	ng		99
74) Di-n-butylphthalate	18.056	149	158350	57.16	ng		99
75) Fluoranthene	19.145	202	145951	51.81	ng		99
77) Benzidine	19.350	184	2304	1.66	ng	#	81
78) Pyrene	19.503	202	149376	48.26	ng		98
80) Butylbenzylphthalate	20.409	149	71745	53.84	ng		94
81) Benzo(a)anthracene	21.244	228	146748	50.19	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	23664	23.43	ng	#	98
83) Chrysene	21.297	228	142295	49.94	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	109499	57.11	ng	#	97
85) Di-n-octyl phthalate	22.033	149	188561	57.96	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.579	276	173446	52.90	ng	#	92
88) Benzo(b)fluoranthene	22.780	252	152555	49.71	ng	#	98
89) Benzo(k)fluoranthene	22.821	252	145407	49.88	ng	#	98
90) Benzo(a)pyrene	23.327	252	136462	48.73	ng	#	97
91) Dibenzo(a,h)anthracene	25.585	278	147611	51.81	ng	#	95
92) Benzo(g,h,i)perylene	26.232	276	142229	51.70	ng	#	93

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

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