Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029235.D
Acq On : 26 Mar 2021 15:44
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WTR-4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2021

Quant Time: Mar 26 16:18:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:33:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	70647	20.00	ng		0.00
21) Naphthalene-d8	10.533	136	280604	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	165881	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	341460	20.00	ng		-0.01
76) Chrysene-d12	21.286	240	349384	20.00	ng		-0.01
86) Perylene-d12	23.521	264	359271	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	372616	90.92	ng		0.00
7) Phenol-d6	6.922	99	530213	90.15	ng		0.00
23) Nitrobenzene-d5	8.904	82	343342	59.41	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	131560	85.64	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	716328	61.25	ng		0.00
79) Terphenyl-d14	19.739	244	1040266	59.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	7986	4.29	ng	#	91
3) Pyridine	3.722	79	17598	3.92	ng	#	83
4) n-Nitrosodimethylamine	3.640	42	7241	3.59	ng	#	94
6) Aniline	7.087	93	30264	4.75	ng		96
8) 2-Chlorophenol	7.322	128	20305	4.39	ng		98
9) Benzaldehyde	6.904	77	20830	5.64	ng		96
10) Phenol	6.945	94	26424	4.55	ng		96
11) bis(2-Chloroethyl)ether	7.187	93	18633	4.48	ng		97
12) 1,3-Dichlorobenzene	7.645	146	22802	4.41	ng		97
13) 1,4-Dichlorobenzene	7.792	146	23107	4.40	ng		97
14) 1,2-Dichlorobenzene	8.104	146	22377	4.44	ng		98
15) Benzyl Alcohol	7.992	79	17012	4.00	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.287	45	29874	4.69	ng		97
17) 2-Methylphenol	8.192	107	14496	3.88	ng		95
18) Hexachloroethane	8.834	117	8120	4.26	ng		97
19) n-Nitroso-di-n-propyla...	8.557	70	14905	3.93	ng		98
20) 3+4-Methylphenols	8.510	107	19531	3.91	ng		91
22) Acetophenone	8.575	105	29054	4.14	ng		97
24) Nitrobenzene	8.945	77	26127	4.33	ng		98
25) Isophorone	9.475	82	35992	3.63	ng		98
26) 2-Nitrophenol	9.651	139	6585	3.27	ng	#	86
27) 2,4-Dimethylphenol	9.716	122	16340	4.24	ng		96
28) bis(2-Chloroethoxy)met...	9.957	93	23082	4.40	ng		98
29) 2,4-Dichlorophenol	10.186	162	14017	3.34	ng		96
30) 1,2,4-Trichlorobenzene	10.404	180	20122	4.23	ng		91
31) Naphthalene	10.586	128	62529	4.23	ng		100
32) Benzoic acid	9.751	122	3393	1.51	ng	#	84
33) 4-Chloroaniline	10.698	127	22914	3.92	ng		96
34) Hexachlorobutadiene	10.881	225	10851	3.92	ng		92
35) Caprolactam	11.457	113	3047	2.39	ng	#	81
36) 4-Chloro-3-methylphenol	11.810	107	15653	3.50	ng	#	93
37) 2-Methylnaphthalene	12.198	142	41166	3.98	ng		98
38) 1-Methylnaphthalene	12.422	142	41051	4.17	ng		96
40) 1,2,4,5-Tetrachloroben...	12.569	216	19209	4.13	ng		96
41) Hexachlorocyclopentadiene	12.551	237	11036	4.33	ng		100
43) 2,4,6-Trichlorophenol	12.810	196	9336	3.09	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	11420	3.39	ng		98
46) 1,1'-Biphenyl	13.216	154	55679	4.42	ng		99
47) 2-Chloronaphthalene	13.251	162	41921	4.22	ng		98
48) 2-Nitroaniline	13.457	65	9921	3.41	ng		97
49) Acenaphthylene	14.098	152	57804	3.83	ng		99
50) Dimethylphthalate	13.839	163	49968	4.31	ng	#	99
51) 2,6-Dinitrotoluene	13.951	165	8448	3.37	ng		89
52) Acenaphthene	14.445	154	41603	4.33	ng		95
53) 3-Nitroaniline	14.280	138	7975	3.14	ng		97
54) 2,4-Dinitrophenol	14.486	184	2403	1.92	ng	#	75
55) Dibenzofuran	14.780	168	63523	4.21	ng		98
56) 4-Nitrophenol	14.580	139	5820	2.51	ng		89
57) 2,4-Dinitrotoluene	14.739	165	9594	2.91	ng	#	98
58) Fluorene	15.427	166	49651	4.06	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.004	232	8977	3.26	ng	#	97
60) Diethylphthalate	15.204	149	46108	4.04	ng		97
61) 4-Chlorophenyl-phenyle...	15.427	204	23797	4.21	ng		98
62) 4-Nitroaniline	15.433	138	7195	2.69	ng		90
63) Azobenzene	15.715	77	48208	3.69	ng		97
65) 4,6-Dinitro-2-methylph...	15.498	198	3930	2.06	ng		91
66) n-Nitrosodiphenylamine	15.633	169	40888	3.74	ng		99
67) 4-Bromophenyl-phenylether	16.315	248	11590	3.70	ng		99
68) Hexachlorobenzene	16.427	284	14618	3.97	ng		92
69) Atrazine	16.580	200	11201	3.25	ng		95
70) Pentachlorophenol	16.762	266	5952	2.62	ng		94
71) Phenanthrene	17.157	178	82642	4.17	ng		98
72) Anthracene	17.251	178	73637	3.83	ng		98
73) Carbazole	17.515	167	65489	3.46	ng		99
74) Di-n-butylphthalate	18.092	149	57678	3.16	ng		99
75) Fluoranthene	19.168	202	82295	3.76	ng		99
77) Benzidine	19.356	184	21693	2.15	ng		97
78) Pyrene	19.533	202	89150	3.77	ng		99
80) Butylbenzylphthalate	20.433	149	21856	2.73	ng	#	86
81) Benzo(a)anthracene	21.268	228	85334	3.74	ng		98
82) 3,3'-Dichlorobenzidine	21.203	252	23624	3.47	ng		98
83) Chrysene	21.321	228	89270	3.91	ng		98
84) Bis(2-ethylhexyl)phtha...	21.215	149	30011	2.61	ng		100
85) Di-n-octyl phthalate	22.086	149	50044	2.69	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.780	276	102968	3.92	ng		100
88) Benzo(b)fluoranthene	22.844	252	90121	3.86	ng		99
89) Benzo(k)fluoranthene	22.891	252	91349	4.02	ng		100
90) Benzo(a)pyrene	23.421	252	76047	3.59	ng		98
91) Dibenzo(a,h)anthracene	25.785	278	85783	3.81	ng		98
92) Benzo(g,h,i)perylene	26.462	276	88469	4.01	ng		97

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

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