Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029247.D
Acq On : 29 Mar 2021 14:37
Operator : CG/JU
Sample : M1458-09
Misc : MDL-WATER-8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
3/30/2021 12:41:36 PM

Quant Time: Mar 29 15:09:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 12:59:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	102071	20.00	ng		0.00
21) Naphthalene-d8	10.533	136	395589	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	233027	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	475907	20.00	ng		0.00
76) Chrysene-d12	21.280	240	489669	20.00	ng		0.00
86) Perylene-d12	23.515	264	506944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	454592	76.77	ng		0.00
7) Phenol-d6	6.916	99	657961	77.43	ng		0.00
23) Nitrobenzene-d5	8.904	82	528206	64.83	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	158899	73.63	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	1066693	64.93	ng		0.00
79) Terphenyl-d14	19.739	244	1539781	63.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	20862	7.75	ng		97
3) Pyridine	3.704	79	47345	7.30	ng	#	93
4) n-Nitrosodimethylamine	3.622	42	22420	7.70	ng	#	95
6) Aniline	7.087	93	84817	9.21	ng		99
8) 2-Chlorophenol	7.316	128	53644	8.03	ng		97
9) Benzaldehyde	6.904	77	51201	9.60	ng		98
10) Phenol	6.945	94	69896	8.33	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	49794	8.29	ng		97
12) 1,3-Dichlorobenzene	7.645	146	61614	8.24	ng		99
13) 1,4-Dichlorobenzene	7.787	146	62325	8.22	ng		96
14) 1,2-Dichlorobenzene	8.104	146	59317	8.14	ng		99
15) Benzyl Alcohol	7.992	79	48070	7.82	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.281	45	82195	8.92	ng		98
17) 2-Methylphenol	8.187	107	42088	7.80	ng		99
18) Hexachloroethane	8.828	117	22040	8.00	ng		93
19) n-Nitroso-di-n-propyla...	8.557	70	43454	7.93	ng		98
20) 3+4-Methylphenols	8.510	107	56373	7.81	ng		98
22) Acetophenone	8.569	105	79879	8.07	ng		96
24) Nitrobenzene	8.945	77	72487	8.52	ng		99
25) Isophorone	9.469	82	103723	7.41	ng		99
26) 2-Nitrophenol	9.651	139	18783	6.62	ng		97
27) 2,4-Dimethylphenol	9.710	122	45028	8.28	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	65285	8.82	ng		99
29) 2,4-Dichlorophenol	10.181	162	42152	7.13	ng		97
30) 1,2,4-Trichlorobenzene	10.398	180	52572	7.83	ng		97
31) Naphthalene	10.580	128	165413	7.93	ng		99
32) Benzoic acid	9.769	122	15443m	4.89	ng		
33) 4-Chloroaniline	10.692	127	64846	7.87	ng		99
34) Hexachlorobutadiene	10.875	225	29089	7.46	ng		98
35) Caprolactam	11.445	113	10040	5.60	ng		96
36) 4-Chloro-3-methylphenol	11.810	107	45401	7.19	ng		99
37) 2-Methylnaphthalene	12.198	142	113396	7.78	ng		96
38) 1-Methylnaphthalene	12.416	142	106349	7.67	ng		98
40) 1,2,4,5-Tetrachloroben...	12.563	216	51191	7.84	ng		97
41) Hexachlorocyclopentadiene	12.551	237	28608	7.98	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	29269	6.88	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	34450	7.29	ng		99
46) 1,1'-Biphenyl	13.210	154	146061	8.25	ng		97
47) 2-Chloronaphthalene	13.251	162	111533	8.00	ng		98
48) 2-Nitroaniline	13.451	65	28449	6.96	ng		94
49) Acenaphthylene	14.098	152	162382	7.65	ng		99
50) Dimethylphthalate	13.833	163	132825	8.16	ng		98
51) 2,6-Dinitrotoluene	13.951	165	25275	7.18	ng		89
52) Acenaphthene	14.439	154	107892	8.00	ng		96
53) 3-Nitroaniline	14.280	138	24900	6.98	ng		97
54) 2,4-Dinitrophenol	14.480	184	8714	4.95	ng		91
55) Dibenzofuran	14.774	168	167896	7.91	ng		97
56) 4-Nitrophenol	14.574	139	19335	5.94	ng		91
57) 2,4-Dinitrotoluene	14.733	165	29989	6.48	ng	#	85
58) Fluorene	15.421	166	134481	7.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	27276	7.04	ng		97
60) Diethylphthalate	15.204	149	128555	8.01	ng		98
61) 4-Chlorophenyl-phenyle...	15.421	204	63170	7.96	ng		95
62) 4-Nitroaniline	15.433	138	24620	6.56	ng		99
63) Azobenzene	15.715	77	145363	7.93	ng		98
65) 4,6-Dinitro-2-methylph...	15.492	198	13689	5.16	ng		96
66) n-Nitrosodiphenylamine	15.633	169	114455	7.51	ng		97
67) 4-Bromophenyl-phenylether	16.315	248	29003	6.65	ng		96
68) Hexachlorobenzene	16.427	284	39098	7.62	ng		97
69) Atrazine	16.580	200	31523	6.55	ng		99
70) Pentachlorophenol	16.762	266	18689	5.91	ng		96
71) Phenanthrene	17.157	178	214243	7.76	ng		99
72) Anthracene	17.245	178	204738	7.64	ng		99
73) Carbazole	17.515	167	189628	7.19	ng		99
74) Di-n-butylphthalate	18.086	149	180441	7.09	ng		99
75) Fluoranthene	19.168	202	228780	7.50	ng		99
77) Benzidine	19.351	184	89755	6.34	ng		99
78) Pyrene	19.527	202	247397	7.46	ng		98
80) Butylbenzylphthalate	20.433	149	71838	6.41	ng		97
81) Benzo(a)anthracene	21.268	228	236038	7.39	ng		98
82) 3,3'-Dichlorobenzidine	21.203	252	75408	7.89	ng		96
83) Chrysene	21.315	228	236051	7.38	ng		99
84) Bis(2-ethylhexyl)phtha...	21.209	149	110297	6.85	ng		98
85) Di-n-octyl phthalate	22.086	149	181238	6.95	ng		96
87) Indeno(1,2,3-cd)pyrene	25.768	276	290713	7.84	ng		100
88) Benzo(b)fluoranthene	22.844	252	256277	7.77	ng		100
89) Benzo(k)fluoranthene	22.886	252	237731	7.42	ng		99
90) Benzo(a)pyrene	23.415	252	220441	7.38	ng		97
91) Dibenzo(a,h)anthracene	25.785	278	240558	7.58	ng		96
92) Benzo(g,h,i)perylene	26.456	276	241278	7.76	ng		98

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

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