Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015304.D
Acq On : 26 May 2023 11:45
Operator : CG/JU
Sample : 02213-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 26 12:52:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	205310	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	811993	20.000	ng		0.00
39) Acenaphthene-d10	14.745	164	501292	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	1003647	20.000	ng		0.00
76) Chrysene-d12	21.580	240	753888	20.000	ng		0.00
86) Perylene-d12	24.133	264	810217	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1318348	106.404	ng		0.00
7) Phenol-d6	7.258	99	1752201	107.912	ng		0.00
23) Nitrobenzene-d5	9.287	82	1309449	78.739	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	719890	105.676	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2884186	77.244	ng		0.00
79) Terphenyl-d14	20.039	244	3335118	83.212	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	22891	4.171	ng		98
3) Pyridine	3.893	79	43113	3.074	ng		97
4) n-Nitrosodimethylamine	3.787	42	23887	3.649	ng	#	89
6) Aniline	7.428	93	80159	3.906	ng		99
8) 2-Chlorophenol	7.669	128	50910	3.932	ng		99
10) Phenol	7.287	94	65004	3.997	ng		95
11) bis(2-Chloroethyl)ether	7.522	93	55993	4.108	ng		99
12) 1,3-Dichlorobenzene	7.993	146	59901	4.158	ng		98
13) 1,4-Dichlorobenzene	8.146	146	61272	4.225	ng		98
14) 1,2-Dichlorobenzene	8.463	146	56596	4.090	ng		96
15) Benzyl Alcohol	8.357	79	39605	3.495	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.646	45	76511m	4.353	ng		
17) 2-Methylphenol	8.552	107	41811	3.613	ng		99
18) Hexachloroethane	9.204	117	22030	4.031	ng		89
19) n-Nitroso-di-n-propyla...	8.916	70	42498	4.089	ng		99
20) 3+4-Methylphenols	8.881	107	51914	3.321	ng		97
22) Acetophenone	8.946	105	86196	4.087	ng	#	99
24) Nitrobenzene	9.328	77	69622	4.204	ng		97
25) Isophorone	9.851	82	108403	3.632	ng		99
26) 2-Nitrophenol	10.051	139	22921	3.154	ng		98
27) 2,4-Dimethylphenol	10.099	122	44905	3.685	ng		97
28) bis(2-Chloroethoxy)met...	10.340	93	74756	4.064	ng		98
29) 2,4-Dichlorophenol	10.587	162	42583	3.370	ng		96
30) 1,2,4-Trichlorobenzene	10.799	180	55365	3.928	ng		99
31) Naphthalene	10.987	128	174138	4.072	ng		100
32) Benzoic acid	10.169	122	10598m	7.296	ng		
33) 4-Chloroaniline	11.104	127	59810	3.383	ng		98
34) Hexachlorobutadiene	11.263	225	34615	3.877	ng		96
35) Caprolactam	11.869	113	12271	3.164	ng		98
36) 4-Chloro-3-methylphenol	12.210	107	49373	3.594	ng		99
37) 2-Methylnaphthalene	12.587	142	119571	3.934	ng		97
38) 1-Methylnaphthalene	12.804	142	111094	3.918	ng		97
40) 1,2,4,5-Tetrachloroben...	12.951	216	64659	3.931	ng		98
41) Hexachlorocyclopentadiene	12.922	237	29051	3.334	ng		95
43) 2,4,6-Trichlorophenol	13.187	196	35043	3.282	ng		98
44) 2,4,5-Trichlorophenol	13.263	196	38149	3.039	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.587	154	168993	4.255	ng		98
47)	2-Chloronaphthalene	13.628	162	122850	4.100	ng		97
48)	2-Nitroaniline	13.834	65	27766	3.034	ng		83
49)	Acenaphthylene	14.475	152	177701	3.707	ng		99
50)	Dimethylphthalate	14.198	163	150230	3.831	ng		98
51)	2,6-Dinitrotoluene	14.322	165	28659	3.461	ng		97
52)	Acenaphthene	14.810	154	112323	3.934	ng		96
53)	3-Nitroaniline	14.657	138	23912	2.826	ng		94
54)	2,4-Dinitrophenol	14.869	184	8663	6.641	ng		93
55)	Dibenzofuran	15.145	168	186900	4.001	ng		99
56)	4-Nitrophenol	14.969	139	14579m	5.306	ng		
57)	2,4-Dinitrotoluene	15.116	165	32399	2.976	ng		95
58)	Fluorene	15.798	166	145082	4.021	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.369	232	34443	3.431	ng		98
60)	Diethylphthalate	15.557	149	141876	3.632	ng		99
61)	4-Chlorophenyl-phenyle...	15.786	204	72047	3.900	ng		99
62)	4-Nitroaniline	15.822	138	20875	4.489	ng		92
63)	Azobenzene	16.081	77	135145	3.626	ng		97
65)	4,6-Dinitro-2-methylph...	15.881	198	15418	2.529	ng		97
66)	n-Nitrosodiphenylamine	15.998	169	119933	4.010	ng		99
67)	4-Bromophenyl-phenylether	16.686	248	42880	3.951	ng		94
68)	Hexachlorobenzene	16.804	284	50360	4.214	ng		95
69)	Atrazine	16.951	200	36765	3.850	ng		99
70)	Pentachlorophenol	17.151	266	20828	2.543	ng		95
71)	Phenanthrene	17.545	178	219266	4.099	ng		99
72)	Anthracene	17.639	178	207824	3.879	ng		97
73)	Carbazole	17.904	167	173475	3.657	ng		99
74)	Di-n-butylphthalate	18.433	149	187577	3.079	ng		99
75)	Fluoranthene	19.498	202	215666	3.451	ng		100
77)	Benzidine	19.680	184	55916	4.684	ng		100
78)	Pyrene	19.851	202	225698	4.184	ng		99
80)	Butylbenzylphthalate	20.704	149	67244	2.942	ng		99
81)	Benzo(a)anthracene	21.563	228	197234	3.765	ng		99
82)	3,3'-Dichlorobenzidine	21.492	252	61067	3.774	ng		98
83)	Chrysene	21.621	228	198951	3.961	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.463	149	93366	2.773	ng		99
85)	Di-n-octyl phthalate	22.433	149	150741	2.647	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.833	276	219825	3.743	ng		98
88)	Benzo(b)fluoranthene	23.345	252	194610	3.951	ng		99
89)	Benzo(k)fluoranthene	23.398	252	186666	3.763	ng		97
90)	Benzo(a)pyrene	24.015	252	164670	3.462	ng	#	97
91)	Dibenzo(a,h)anthracene	26.851	278	178332	3.698	ng		99
92)	Benzo(g,h,i)perylene	27.656	276	178048	3.633	ng		99

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

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