Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009507.D
Acq On : 23 Mar 2022 15:01
Operator : CG/JU
Sample : N1645-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 23 15:28:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 13:46:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	401904	20.000	ng		-0.01
21) Naphthalene-d8	10.581	136	1532043	20.000	ng		-0.01
39) Acenaphthene-d10	14.434	164	945725	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1842133	20.000	ng		0.00
76) Chrysene-d12	21.310	240	1679706	20.000	ng		0.00
86) Perylene-d12	23.716	264	1806921	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2606771	113.242	ng		-0.01
7) Phenol-d6	6.975	99	3563538	114.471	ng		-0.02
23) Nitrobenzene-d5	8.946	82	2440296	84.644	ng		-0.01
42) 2,4,6-Tribromophenol	15.934	330	1470323	94.215	ng		-0.01
45) 2-Fluorobiphenyl	13.051	172	5739636	84.134	ng		-0.01
79) Terphenyl-d14	19.775	244	7327984	78.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	35140	3.854	ng		98
3) Pyridine	3.734	79	78954	3.215	ng	#	89
4) n-Nitrosodimethylamine	3.634	42	31557	3.489	ng	#	89
6) Aniline	7.122	93	141926	4.000	ng		98
8) 2-Chlorophenol	7.358	128	96158	3.663	ng		92
9) Benzaldehyde	6.940	77	85782m	5.199	ng		
10) Phenol	7.005	94	115290	3.691	ng		86
11) bis(2-Chloroethyl)ether	7.216	93	93920	3.800	ng		94
12) 1,3-Dichlorobenzene	7.681	146	109629	3.700	ng		94
13) 1,4-Dichlorobenzene	7.822	146	109493	3.615	ng		98
14) 1,2-Dichlorobenzene	8.140	146	106098	3.624	ng		98
15) Benzyl Alcohol	8.111	79	113773m	4.584	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	105174	3.925	ng		91
17) 2-Methylphenol	8.252	107	70694	3.285	ng		92
18) Hexachloroethane	8.863	117	39067	3.680	ng		94
19) n-Nitroso-di-n-propyla...	8.599	70	69411	3.525	ng		99
20) 3+4-Methylphenols	8.593	107	93867	3.172	ng	#	84
22) Acetophenone	8.616	105	139384	3.676	ng	#	95
24) Nitrobenzene	8.987	77	109972	4.038	ng		99
25) Isophorone	9.516	82	188931	3.842	ng		98
26) 2-Nitrophenol	9.710	139	43291	3.050	ng		95
27) 2,4-Dimethylphenol	9.787	122	77158	3.852	ng		97
28) bis(2-Chloroethoxy)met...	10.010	93	116289	3.632	ng		97
29) 2,4-Dichlorophenol	10.281	162	76566	3.134	ng		94
30) 1,2,4-Trichlorobenzene	10.452	180	100908	3.565	ng		99
31) Naphthalene	10.634	128	294930	3.737	ng		99
33) 4-Chloroaniline	10.769	127	109085	3.387	ng		95
34) Hexachlorobutadiene	10.922	225	63916	3.332	ng		98
35) Caprolactam	11.540	113	21838	2.648	ng		96
36) 4-Chloro-3-methylphenol	11.904	107	83880	3.195	ng		96
37) 2-Methylnaphthalene	12.252	142	197420	3.565	ng		98
38) 1-Methylnaphthalene	12.469	142	193529	3.588	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	114857	3.660	ng		97
43) 2,4,6-Trichlorophenol	12.881	196	62071	2.984	ng		92
44) 2,4,5-Trichlorophenol	12.975	196	65568	2.903	ng		92
46) 1,1'-Biphenyl	13.263	154	276892	3.925	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.304	162	203873	3.670	ng		99
48) 2-Nitroaniline	13.522	65	43701	2.889	ng		96
49) Acenaphthylene	14.151	152	329077	3.838	ng		100
50) Dimethylphthalate	13.893	163	246736	3.443	ng		99
51) 2,6-Dinitrotoluene	14.010	165	45453	3.027	ng		99
52) Acenaphthene	14.498	154	187779	3.666	ng		98
53) 3-Nitroaniline	14.357	138	44287	2.793	ng		99
55) Dibenzofuran	14.834	168	307145	3.569	ng		97
57) 2,4-Dinitrotoluene	14.816	165	55006	2.664	ng	#	88
58) Fluorene	15.487	166	240221	3.549	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.081	232	59220	2.892	ng		92
60) Diethylphthalate	15.263	149	239406	3.338	ng		100
61) 4-Chlorophenyl-phenyle...	15.487	204	128077	3.435	ng		97
62) 4-Nitroaniline	15.540	138	39406m	2.366	ng		
63) Azobenzene	15.781	77	207768	3.330	ng		99
66) n-Nitrosodiphenylamine	15.704	169	203664	3.736	ng		98
67) 4-Bromophenyl-phenylether	16.387	248	76731	3.404	ng		93
68) Hexachlorobenzene	16.504	284	88411	3.408	ng		98
69) Atrazine	16.669	200	67100	3.501	ng		99
70) Pentachlorophenol	16.875	266	29966	2.161	ng		96
71) Phenanthrene	17.239	178	364352	3.695	ng		99
72) Anthracene	17.334	178	357671	3.674	ng		99
73) Carbazole	17.622	167	303609	3.189	ng		100
74) Di-n-butylphthalate	18.169	149	360310	3.229	ng		99
75) Fluoranthene	19.222	202	402511	3.372	ng		99
77) Benzidine	19.422	184	177839	4.319	ng		99
78) Pyrene	19.581	202	417967	3.776	ng		99
80) Butylbenzylphthalate	20.457	149	158572	3.371	ng		98
81) Benzo(a)anthracene	21.298	228	406096	3.680	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	150383	3.527	ng		98
83) Chrysene	21.351	228	387901	3.712	ng		99
84) Bis(2-ethylhexyl)phtha...	21.233	149	253510	3.866	ng		99
85) Di-n-octyl phthalate	22.157	149	430202	3.806	ng		100
87) Indeno(1,2,3-cd)pyrene	26.227	276	492618	3.593	ng		97
88) Benzo(b)fluoranthene	22.986	252	408187	3.784	ng		100
89) Benzo(k)fluoranthene	23.033	252	402695	3.813	ng		97
90) Benzo(a)pyrene	23.610	252	400828	4.343	ng		99
91) Dibenzo(a,h)anthracene	26.239	278	438355	3.837	ng		99
92) Benzo(g,h,i)perylene	26.992	276	423565	3.769	ng		96

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

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