Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015305.D
Acq On : 26 May 2023 12:19
Operator : CG/JU
Sample : 02213-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 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 13:48:02 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	218427	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	838543	20.000	ng		0.00
39) Acenaphthene-d10	14.745	164	505922	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	1003084	20.000	ng		0.00
76) Chrysene-d12	21.580	240	845202	20.000	ng		0.00
86) Perylene-d12	24.133	264	984416	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1291652	97.989	ng		0.00
7) Phenol-d6	7.258	99	1688222	97.728	ng		0.00
23) Nitrobenzene-d5	9.287	82	1211115	70.520	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	638161	92.821	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2585177	68.602	ng		0.00
79) Terphenyl-d14	20.039	244	3072521	68.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	42264	7.239	ng		96
3) Pyridine	3.887	79	95712	6.415	ng		96
4) n-Nitrosodimethylamine	3.787	42	49151	7.058	ng	#	96
6) Aniline	7.428	93	156207	7.154	ng		98
8) 2-Chlorophenol	7.663	128	97857	7.104	ng		95
9) Benzaldehyde	7.240	77	93538	6.550	ng		99
10) Phenol	7.287	94	123965	7.165	ng		96
11) bis(2-Chloroethyl)ether	7.522	93	105245	7.258	ng		95
12) 1,3-Dichlorobenzene	7.993	146	114308	7.458	ng		99
13) 1,4-Dichlorobenzene	8.146	146	117176	7.595	ng		99
14) 1,2-Dichlorobenzene	8.463	146	110418	7.501	ng		99
15) Benzyl Alcohol	8.352	79	79688	6.609	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.646	45	145737m	7.794	ng		
17) 2-Methylphenol	8.552	107	81157	6.592	ng		98
18) Hexachloroethane	9.199	117	41516	7.140	ng		98
19) n-Nitroso-di-n-propyla...	8.922	70	80993	7.326	ng		98
20) 3+4-Methylphenols	8.881	107	108908	6.548	ng		99
22) Acetophenone	8.940	105	163095	7.488	ng	#	99
24) Nitrobenzene	9.328	77	124620	7.287	ng		98
25) Isophorone	9.852	82	207656	6.738	ng		97
26) 2-Nitrophenol	10.046	139	46168	6.151	ng		93
27) 2,4-Dimethylphenol	10.099	122	86864	6.903	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	140221	7.382	ng		99
29) 2,4-Dichlorophenol	10.581	162	85602	6.561	ng		99
30) 1,2,4-Trichlorobenzene	10.799	180	106290	7.303	ng		99
31) Naphthalene	10.987	128	320562	7.259	ng		99
32) Benzoic acid	10.169	122	28600m	8.833	ng		
33) 4-Chloroaniline	11.099	127	121021	6.628	ng		97
34) Hexachlorobutadiene	11.269	225	64989	7.048	ng		99
35) Caprolactam	11.869	113	22031m	5.500	ng		
36) 4-Chloro-3-methylphenol	12.210	107	90775	6.399	ng		97
37) 2-Methylnaphthalene	12.587	142	218202	6.952	ng		98
38) 1-Methylnaphthalene	12.804	142	203122	6.936	ng		99
40) 1,2,4,5-Tetrachloroben...	12.951	216	120592	7.264	ng		99
41) Hexachlorocyclopentadiene	12.922	237	57401	6.528	ng		98
43) 2,4,6-Trichlorophenol	13.187	196	68165	6.326	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	74457	5.878	ng	96
46) 1,1'-Biphenyl	13.587	154	295955	7.383	ng	98
47) 2-Chloronaphthalene	13.628	162	220956	7.307	ng	98
48) 2-Nitroaniline	13.834	65	52560	5.690	ng	91
49) Acenaphthylene	14.475	152	326872	6.756	ng	100
50) Dimethylphthalate	14.198	163	261121	6.597	ng	99
51) 2,6-Dinitrotoluene	14.322	165	50327	6.022	ng	94
52) Acenaphthene	14.810	154	202868	7.040	ng	96
53) 3-Nitroaniline	14.657	138	46927	5.494	ng	95
54) 2,4-Dinitrophenol	14.869	184	19663	8.457	ng	97
55) Dibenzofuran	15.145	168	328545	6.969	ng	100
56) 4-Nitrophenol	14.957	139	32027	7.514	ng	92
57) 2,4-Dinitrotoluene	15.110	165	63420	5.772	ng	95
58) Fluorene	15.798	166	255784	7.025	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	62891	6.208	ng	97
60) Diethylphthalate	15.557	149	252076	6.393	ng	99
61) 4-Chlorophenyl-phenyle...	15.787	204	128512	6.893	ng	98
62) 4-Nitroaniline	15.816	138	41961	6.655	ng	96
63) Azobenzene	16.081	77	245637	6.530	ng	98
65) 4,6-Dinitro-2-methylph...	15.875	198	30651	5.031	ng	90
66) n-Nitrosodiphenylamine	15.998	169	212094	7.096	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	74806	6.897	ng	95
68) Hexachlorobenzene	16.804	284	86907	7.276	ng	97
69) Atrazine	16.951	200	68248	7.151	ng	97
70) Pentachlorophenol	17.151	266	41487	5.068	ng	97
71) Phenanthrene	17.545	178	374823	7.011	ng	100
72) Anthracene	17.639	178	365185	6.821	ng	100
73) Carbazole	17.904	167	310821	6.556	ng	99
74) Di-n-butylphthalate	18.433	149	362892	5.960	ng	99
75) Fluoranthene	19.498	202	399150	6.391	ng	100
77) Benzidine	19.675	184	154174m	11.519	ng	
78) Pyrene	19.851	202	423165	6.997	ng	99
80) Butylbenzylphthalate	20.704	149	146496	5.716	ng	96
81) Benzo(a)anthracene	21.563	228	395967	6.743	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	140101	7.724	ng	98
83) Chrysene	21.622	228	383760	6.815	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	211813	5.612	ng	99
85) Di-n-octyl phthalate	22.433	149	352834	5.526	ng	98
87) Indeno(1,2,3-cd)pyrene	26.827	276	479013	6.713	ng	98
88) Benzo(b)fluoranthene	23.345	252	395298	6.605	ng	98
89) Benzo(k)fluoranthene	23.398	252	402524	6.679	ng	98
90) Benzo(a)pyrene	24.015	252	352841	6.106	ng	99
91) Dibenzo(a,h)anthracene	26.845	278	395612	6.752	ng	98
92) Benzo(g,h,i)perylene	27.662	276	390197	6.554	ng	97

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

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