Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011723\
Data File : BP013492.D
Acq On : 17 Jan 2023 12:29
Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 03:13:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	667162	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	2734520	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1889941	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	4366431	20.000	ng		0.00
76) Chrysene-d12	21.404	240	4270363	20.000	ng		0.00
86) Perylene-d12	23.863	264	4454909	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	3415739	89.936	ng		0.00
7) Phenol-d6	7.069	99	4696698	87.485	ng		0.00
23) Nitrobenzene-d5	9.075	82	3599838	69.940	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	2729114	92.509	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	9089310	70.305	ng		0.00
79) Terphenyl-d14	19.869	244	12894456	61.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	56587	3.800	ng		97
3) Pyridine	3.758	79	143328	3.087	ng		98
4) n-Nitrosodimethylamine	3.658	42	77351	3.474	ng	#	99
6) Aniline	7.228	93	234365	3.267	ng		99
8) 2-Chlorophenol	7.463	128	153453	3.491	ng		99
9) Benzaldehyde	7.040	77	139091m	4.292	ng		
10) Phenol	7.093	94	191607	3.458	ng		94
11) bis(2-Chloroethyl)ether	7.328	93	156531	3.485	ng		99
12) 1,3-Dichlorobenzene	7.787	146	174410	3.766	ng		98
13) 1,4-Dichlorobenzene	7.940	146	175358	3.716	ng		99
14) 1,2-Dichlorobenzene	8.258	146	168654	3.658	ng		97
15) Benzyl Alcohol	8.146	79	130205	3.148	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	253594	3.649	ng		98
17) 2-Methylphenol	8.352	107	126873	3.093	ng		98
18) Hexachloroethane	8.987	117	60004	3.590	ng		98
19) n-Nitroso-di-n-propyla...	8.710	70	127689	3.332	ng		97
20) 3+4-Methylphenols	8.675	107	172175	3.021	ng		98
22) Acetophenone	8.734	105	249333	3.560	ng	#	97
24) Nitrobenzene	9.116	77	198671	3.732	ng		98
25) Isophorone	9.640	82	350742	3.311	ng		99
26) 2-Nitrophenol	9.828	139	78657	2.989	ng		97
27) 2,4-Dimethylphenol	9.887	122	132102	3.049	ng		96
28) bis(2-Chloroethoxy)met...	10.122	93	218755	3.501	ng		97
29) 2,4-Dichlorophenol	10.363	162	146566	3.224	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	172604	3.587	ng		99
31) Naphthalene	10.763	128	510836	3.533	ng		99
32) Benzoic acid	9.963	122	80598m	2.230	ng		
33) 4-Chloroaniline	10.881	127	202938	3.072	ng		100
34) Hexachlorobutadiene	11.046	225	112661	3.715	ng		99
35) Caprolactam	11.669	113	47276	2.918	ng		96
36) 4-Chloro-3-methylphenol	11.999	107	156880	3.167	ng		98
37) 2-Methylnaphthalene	12.375	142	364674	3.359	ng		99
38) 1-Methylnaphthalene	12.593	142	354988	3.466	ng		99
40) 1,2,4,5-Tetrachloroben...	12.740	216	220076	3.553	ng		99
41) Hexachlorocyclopentadiene	12.716	237	93814	2.904	ng		100
43) 2,4,6-Trichlorophenol	12.987	196	133340	3.131	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	141046	2.822	ng	98
46) 1,1'-Biphenyl	13.381	154	524532	3.671	ng	99
47) 2-Chloronaphthalene	13.428	162	390861	3.567	ng	99
48) 2-Nitroaniline	13.634	65	100453	2.785	ng	93
49) Acenaphthylene	14.275	152	593861	3.286	ng	99
50) Dimethylphthalate	14.004	163	503171	3.357	ng	100
51) 2,6-Dinitrotoluene	14.128	165	99182	3.034	ng	90
52) Acenaphthene	14.616	154	372639	3.484	ng	99
53) 3-Nitroaniline	14.463	138	94483	2.701	ng	94
54) 2,4-Dinitrophenol	14.675	184	46409	2.089	ng	90
55) Dibenzofuran	14.951	168	621828	3.506	ng	99
56) 4-Nitrophenol	14.769	139	74891	2.665	ng	91
57) 2,4-Dinitrotoluene	14.922	165	126897	2.838	ng	95
58) Fluorene	15.598	166	499525	3.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	135771	3.142	ng	99
60) Diethylphthalate	15.369	149	484908	3.307	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	267290	3.596	ng	98
62) 4-Nitroaniline	15.628	138	93012m	2.597	ng	
63) Azobenzene	15.887	77	435427	3.234	ng	98
65) 4,6-Dinitro-2-methylph...	15.687	198	70106	2.348	ng	92
66) n-Nitrosodiphenylamine	15.810	169	424647	3.310	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	164598	3.275	ng	99
68) Hexachlorobenzene	16.610	284	200068	3.655	ng	98
69) Atrazine	16.763	200	157162	3.344	ng	97
70) Pentachlorophenol	16.963	266	101124	2.521	ng	97
71) Phenanthrene	17.351	178	817170	3.547	ng	98
72) Anthracene	17.445	178	789412	3.367	ng	98
73) Carbazole	17.716	167	712941	3.339	ng	98
74) Di-n-butylphthalate	18.257	149	793410	3.201	ng	100
75) Fluoranthene	19.322	202	963601	3.482	ng	98
77) Benzidine	19.504	184	409669	3.229	ng	100
78) Pyrene	19.675	202	1015909	3.617	ng	97
80) Butylbenzylphthalate	20.539	149	341357	2.812	ng	93
81) Benzo(a)anthracene	21.386	228	1035664	3.601	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	364505	3.392	ng	99
83) Chrysene	21.439	228	971370	3.575	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	511899	2.914	ng	99
85) Di-n-octyl phthalate	22.239	149	829096	2.780	ng	98
87) Indeno(1,2,3-cd)pyrene	26.427	276	935086	2.902	ng	99
88) Benzo(b)fluoranthene	23.110	252	987253	3.732	ng	99
89) Benzo(k)fluoranthene	23.157	252	960329	3.741	ng	100
90) Benzo(a)pyrene	23.751	252	848386	3.265	ng	99
91) Dibenzo(a,h)anthracene	26.439	278	800747	2.985	ng	99
92) Benzo(g,h,i)perylene	27.215	276	788417	2.979	ng	100

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

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