Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013099.D
Acq On : 13 Dec 2022 16:04
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER-10ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 14 04:58:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 04:56:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	499489	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1967619	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	1279808	20.000	ng		0.00
64) Phenanthrene-d10	17.369	188	2819755	20.000	ng		0.01
76) Chrysene-d12	21.457	240	2584995	20.000	ng		0.01
86) Perylene-d12	23.945	264	2368885	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.517	112	2956263	108.140	ng		0.00
7) Phenol-d6	7.122	99	3864916	108.259	ng		0.00
23) Nitrobenzene-d5	9.140	82	2824873	78.707	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1933668	125.315	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	7141870	75.770	ng		0.00
79) Terphenyl-d14	19.922	244	10727861	81.875	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	124815	10.305	ng		96
3) Pyridine	3.793	79	379280	11.026	ng		96
4) n-Nitrosodimethylamine	3.699	42	181857	11.797	ng	#	93
6) Aniline	7.293	93	589591	13.638	ng		99
8) 2-Chlorophenol	7.528	128	390792	12.126	ng		99
9) Benzaldehyde	7.099	77	278921m	13.021	ng		
10) Phenol	7.152	94	484124	12.115	ng		98
11) bis(2-Chloroethyl)ether	7.387	93	397521	12.356	ng		99
12) 1,3-Dichlorobenzene	7.852	146	446364	11.904	ng		97
13) 1,4-Dichlorobenzene	7.999	146	456600	11.957	ng		100
14) 1,2-Dichlorobenzene	8.322	146	440385	12.151	ng		99
15) Benzyl Alcohol	8.210	79	319541	12.338	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.499	45	588968	12.640	ng		100
17) 2-Methylphenol	8.410	107	313632	11.874	ng		99
18) Hexachloroethane	9.052	117	151387	11.706	ng		98
19) n-Nitroso-di-n-propyla...	8.775	70	303412	13.086	ng		99
20) 3+4-Methylphenols	8.740	107	422215	11.758	ng		99
22) Acetophenone	8.793	105	519766	10.616	ng		97
24) Nitrobenzene	9.175	77	453177	12.115	ng		98
25) Isophorone	9.705	82	811030	13.305	ng		99
26) 2-Nitrophenol	9.893	139	187617	10.957	ng		97
27) 2,4-Dimethylphenol	9.946	122	344175	13.344	ng		99
28) bis(2-Chloroethoxy)met...	10.187	93	540462	13.827	ng		100
29) 2,4-Dichlorophenol	10.428	162	365933	11.495	ng		100
30) 1,2,4-Trichlorobenzene	10.646	180	426025	11.339	ng		97
31) Naphthalene	10.834	128	1275584	11.840	ng		100
32) Benzoic acid	10.028	122	148492m	7.297	ng		
33) 4-Chloroaniline	10.946	127	511848	12.739	ng		99
34) Hexachlorobutadiene	11.116	225	270271	11.276	ng		99
35) Caprolactam	11.728	113	84406	10.270	ng		94
36) 4-Chloro-3-methylphenol	12.057	107	377538	12.698	ng		98
37) 2-Methylnaphthalene	12.440	142	906396	12.510	ng		98
38) 1-Methylnaphthalene	12.657	142	868907	12.315	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	435119	9.530	ng		99
41) Hexachlorocyclopentadiene	12.781	237	266738	11.586	ng		98
43) 2,4,6-Trichlorophenol	13.040	196	319923	11.112	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013099.D
Acq On : 13 Dec 2022 16:04
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER-10ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 14 04:58:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 04:56:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	353016	11.349	ng	98
46) 1,1'-Biphenyl	13.445	154	1032917	10.207	ng	100
47) 2-Chloronaphthalene	13.487	162	946067	11.763	ng	99
48) 2-Nitroaniline	13.693	65	221628	11.138	ng	99
49) Acenaphthylene	14.334	152	1432706	12.110	ng	99
50) Dimethylphthalate	14.063	163	1182907	12.636	ng	100
51) 2,6-Dinitrotoluene	14.187	165	234156	12.224	ng	99
52) Acenaphthene	14.675	154	882740	12.002	ng	99
53) 3-Nitroaniline	14.516	138	230052	11.778	ng	95
54) 2,4-Dinitrophenol	14.722	184	112716	9.876	ng	99
55) Dibenzofuran	15.010	168	1477860	12.556	ng	100
56) 4-Nitrophenol	14.816	139	189289	11.824	ng	96
57) 2,4-Dinitrotoluene	14.975	165	297212	12.412	ng	93
58) Fluorene	15.657	166	1172726	12.873	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	315189	11.854	ng	99
60) Diethylphthalate	15.428	149	1129187	13.121	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	615203	13.049	ng	97
62) 4-Nitroaniline	15.681	138	216887	11.897	ng	97
63) Azobenzene	15.945	77	1026261	12.832	ng	99
65) 4,6-Dinitro-2-methylph...	15.740	198	164082	9.058	ng	97
66) n-Nitrosodiphenylamine	15.869	169	997556	11.331	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	368479	11.051	ng	97
68) Hexachlorobenzene	16.669	284	443078	11.349	ng	99
69) Atrazine	16.822	200	283209	11.465	ng	99
70) Pentachlorophenol	17.010	266	239385	10.412	ng	99
71) Phenanthrene	17.410	178	1862104	11.605	ng	99
72) Anthracene	17.504	178	1812304	12.031	ng	99
73) Carbazole	17.769	167	1630706	12.349	ng	100
74) Di-n-butylphthalate	18.310	149	1760119	12.118	ng	100
75) Fluoranthene	19.375	202	2116689	12.256	ng	100
77) Benzidine	19.551	184	728292	19.835	ng	99
78) Pyrene	19.728	202	2235304	12.034	ng	99
80) Butylbenzylphthalate	20.592	149	678494	11.267	ng	99
81) Benzo(a)anthracene	21.439	228	2124463	12.024	ng	99
82) 3,3'-Dichlorobenzidine	21.369	252	594190	11.293	ng	99
83) Chrysene	21.492	228	2028635	11.770	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	930298	11.357	ng	98
85) Di-n-octyl phthalate	22.304	149	1341479	9.752	ng	98
87) Indeno(1,2,3-cd)pyrene	26.551	276	1747452	9.028	ng	99
88) Benzo(b)fluoranthene	23.180	252	1940655	12.724	ng	99
89) Benzo(k)fluoranthene	23.233	252	1853736	12.014	ng	99
90) Benzo(a)pyrene	23.833	252	1522293	11.893	ng	99
91) Dibenzo(a,h)anthracene	26.568	278	1524354	9.476	ng	99
92) Benzo(g,h,i)perylene	27.357	276	1475418	9.257	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013099.D
Acq On : 13 Dec 2022 16:04
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER-10ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 04:58:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 04:56:58 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022