Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
Data File : BP015289.D
Acq On : 25 May 2023 13:25
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-10ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Quant Time: May 26 04:31:34 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	180094	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	674138	20.000	ng		0.00
39) Acenaphthene-d10	14.757	164	404646	20.000	ng		0.00
64) Phenanthrene-d10	17.510	188	876759	20.000	ng		0.00
76) Chrysene-d12	21.592	240	871676	20.000	ng		0.00
86) Perylene-d12	24.151	264	1020488	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1237837	113.894	ng		0.00
7) Phenol-d6	7.263	99	1578399	110.818	ng		0.00
23) Nitrobenzene-d5	9.287	82	1136223	82.294	ng		0.00
42) 2,4,6-Tribromophenol	16.251	330	624098	113.496	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	2419597	80.278	ng		0.00
79) Terphenyl-d14	20.051	244	3525993	76.086	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	49693	10.323	ng		96
3) Pyridine	3.881	79	105253	8.556	ng		97
4) n-Nitrosodimethylamine	3.787	42	52249	9.100	ng		100
6) Aniline	7.434	93	176588	9.809	ng		99
8) 2-Chlorophenol	7.669	128	110786	9.755	ng		98
9) Benzaldehyde	7.240	77	103247	10.953	ng		99
10) Phenol	7.287	94	140119	9.823	ng		97
11) bis(2-Chloroethyl)ether	7.528	93	117921	9.863	ng		99
12) 1,3-Dichlorobenzene	7.999	146	131988	10.444	ng		99
13) 1,4-Dichlorobenzene	8.146	146	132398	10.408	ng		98
14) 1,2-Dichlorobenzene	8.469	146	125222	10.317	ng		99
15) Benzyl Alcohol	8.357	79	90205	9.074	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.646	45	158067m	10.253	ng		
17) 2-Methylphenol	8.557	107	90200	8.886	ng		96
18) Hexachloroethane	9.204	117	47908	9.993	ng		100
19) n-Nitroso-di-n-propyla...	8.922	70	87238	9.570	ng		98
20) 3+4-Methylphenols	8.887	107	119456	8.710	ng		99
22) Acetophenone	8.946	105	180801	10.326	ng	#	99
24) Nitrobenzene	9.334	77	135952	9.889	ng		98
25) Isophorone	9.857	82	230078	9.286	ng		98
26) 2-Nitrophenol	10.051	139	52710	8.735	ng		99
27) 2,4-Dimethylphenol	10.104	122	100044	9.889	ng		97
28) bis(2-Chloroethoxy)met...	10.340	93	151266	9.906	ng		100
29) 2,4-Dichlorophenol	10.587	162	96557	9.205	ng		98
30) 1,2,4-Trichlorobenzene	10.804	180	117854	10.073	ng		98
31) Naphthalene	10.993	128	353616	9.960	ng		100
32) Benzoic acid	10.181	122	41274m	10.813	ng		
33) 4-Chloroaniline	11.104	127	133088	9.067	ng		96
34) Hexachlorobutadiene	11.269	225	72959	9.842	ng		95
35) Caprolactam	11.875	113	27957	8.681	ng		98
36) 4-Chloro-3-methylphenol	12.216	107	105834	9.280	ng		96
37) 2-Methylnaphthalene	12.592	142	241519	9.571	ng		96
38) 1-Methylnaphthalene	12.810	142	226160	9.606	ng		98
40) 1,2,4,5-Tetrachloroben...	12.957	216	130928	9.861	ng		100
41) Hexachlorocyclopentadiene	12.934	237	69270	9.850	ng		96
43) 2,4,6-Trichlorophenol	13.192	196	77857	9.034	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.269	196	84707	8.361	ng	98
46) 1,1'-Biphenyl	13.592	154	326173	10.173	ng	99
47) 2-Chloronaphthalene	13.634	162	243518	10.069	ng	99
48) 2-Nitroaniline	13.845	65	60289	8.160	ng	98
49) Acenaphthylene	14.481	152	370752	9.580	ng	99
50) Dimethylphthalate	14.204	163	304124	9.607	ng	99
51) 2,6-Dinitrotoluene	14.328	165	61883	9.259	ng	95
52) Acenaphthene	14.822	154	226834	9.841	ng	99
53) 3-Nitroaniline	14.663	138	57111	8.360	ng	94
54) 2,4-Dinitrophenol	14.875	184	26166	10.628	ng	95
55) Dibenzofuran	15.157	168	373562	9.907	ng	97
56) 4-Nitrophenol	14.963	139	43472	10.362	ng	95
57) 2,4-Dinitrotoluene	15.122	165	77656	8.836	ng	99
58) Fluorene	15.804	166	291139	9.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.381	232	75535	9.322	ng	99
60) Diethylphthalate	15.563	149	300247	9.521	ng	99
61) 4-Chlorophenyl-phenyle...	15.792	204	146337	9.814	ng	99
62) 4-Nitroaniline	15.828	138	54061	9.312	ng	94
63) Azobenzene	16.086	77	285522	9.491	ng	100
65) 4,6-Dinitro-2-methylph...	15.886	198	42894	8.055	ng	98
66) n-Nitrosodiphenylamine	16.010	169	250026	9.570	ng	99
67) 4-Bromophenyl-phenylether	16.692	248	88737	9.360	ng	98
68) Hexachlorobenzene	16.810	284	103927	9.954	ng	98
69) Atrazine	16.957	200	88128	10.564	ng	99
70) Pentachlorophenol	17.157	266	55029	7.691	ng	97
71) Phenanthrene	17.557	178	462015	9.887	ng	100
72) Anthracene	17.645	178	453670	9.694	ng	99
73) Carbazole	17.916	167	406797	9.816	ng	98
74) Di-n-butylphthalate	18.445	149	485101	9.115	ng	100
75) Fluoranthene	19.510	202	531767	9.741	ng	98
77) Benzidine	19.686	184	249691	18.089	ng	99
78) Pyrene	19.857	202	574285	9.208	ng	99
80) Butylbenzylphthalate	20.716	149	213858	8.091	ng	100
81) Benzo(a)anthracene	21.574	228	577078	9.528	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	214658	11.475	ng	100
83) Chrysene	21.627	228	555954	9.573	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	327494	8.413	ng	100
85) Di-n-octyl phthalate	22.445	149	555856	8.441	ng	99
87) Indeno(1,2,3-cd)pyrene	26.856	276	705423	9.537	ng	100
88) Benzo(b)fluoranthene	23.362	252	597736	9.634	ng	99
89) Benzo(k)fluoranthene	23.410	252	600348	9.609	ng	98
90) Benzo(a)pyrene	24.033	252	525224	8.768	ng	99
91) Dibenzo(a,h)anthracene	26.880	278	580729	9.560	ng	99
92) Benzo(g,h,i)perylene	27.692	276	576014	9.333	ng	98

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

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