Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
Data File : BP013480.D
Acq On : 16 Jan 2023 14:13
Operator : CG/JU
Sample : N3214-08
Misc : LOQ-WATER-10PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 17 03:44:34 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

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	563321	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	2334047	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1608733	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3712073	20.000	ng		0.00
76) Chrysene-d12	21.410	240	3865865	20.000	ng		0.00
86) Perylene-d12	23.869	264	4474558	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	3611989	112.634	ng		0.00
7) Phenol-d6	7.075	99	4911385	108.348	ng		0.00
23) Nitrobenzene-d5	9.081	82	3297609	75.060	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	2876910	114.565	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	8345634	75.836	ng		0.00
79) Terphenyl-d14	19.869	244	12507741	66.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	127779	10.161	ng		99
3) Pyridine	3.752	79	338834	8.643	ng		98
4) n-Nitrosodimethylamine	3.658	42	180086	9.579	ng	#	99
6) Aniline	7.234	93	555425	9.169	ng		98
8) 2-Chlorophenol	7.469	128	350867	9.454	ng		99
9) Benzaldehyde	7.046	77	319528m	11.677	ng		
10) Phenol	7.099	94	443015	9.468	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	354406	9.344	ng		98
12) 1,3-Dichlorobenzene	7.793	146	394456	10.088	ng		98
13) 1,4-Dichlorobenzene	7.940	146	399454	10.024	ng		97
14) 1,2-Dichlorobenzene	8.258	146	389804	10.013	ng		99
15) Benzyl Alcohol	8.152	79	310204	8.881	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	569792	9.711	ng		99
17) 2-Methylphenol	8.352	107	294021	8.489	ng		96
18) Hexachloroethane	8.987	117	137660	9.755	ng		97
19) n-Nitroso-di-n-propyla...	8.716	70	301195	9.309	ng		99
20) 3+4-Methylphenols	8.681	107	404919	8.414	ng		98
22) Acetophenone	8.734	105	580715	9.715	ng		97
24) Nitrobenzene	9.122	77	433691	9.544	ng		99
25) Isophorone	9.646	82	838294	9.270	ng		99
26) 2-Nitrophenol	9.834	139	200277	8.916	ng		96
27) 2,4-Dimethylphenol	9.893	122	316447	8.557	ng		100
28) bis(2-Chloroethoxy)met...	10.128	93	504509	9.459	ng		98
29) 2,4-Dichlorophenol	10.369	162	357482	9.212	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	391418	9.531	ng		98
31) Naphthalene	10.769	128	1166964	9.455	ng		100
32) Benzoic acid	9.987	122	236882	7.680	ng		96
33) 4-Chloroaniline	10.887	127	496937	8.814	ng		99
34) Hexachlorobutadiene	11.046	225	257824	9.960	ng		100
35) Caprolactam	11.675	113	124826	9.028	ng		95
36) 4-Chloro-3-methylphenol	12.004	107	386064	9.130	ng		97
37) 2-Methylnaphthalene	12.381	142	846723	9.138	ng		100
38) 1-Methylnaphthalene	12.599	142	825933	9.449	ng		100
40) 1,2,4,5-Tetrachloroben...	12.746	216	502035	9.521	ng		100
41) Hexachlorocyclopentadiene	12.722	237	249589	9.078	ng		99
43) 2,4,6-Trichlorophenol	12.987	196	328976	9.074	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	354776	8.339	ng	99
46) 1,1'-Biphenyl	13.387	154	1180215	9.704	ng	99
47) 2-Chloronaphthalene	13.434	162	898920	9.636	ng	99
48) 2-Nitroaniline	13.640	65	264976	8.630	ng	94
49) Acenaphthylene	14.275	152	1408249	9.154	ng	100
50) Dimethylphthalate	14.010	163	1180176	9.251	ng	99
51) 2,6-Dinitrotoluene	14.134	165	247536	8.895	ng	95
52) Acenaphthene	14.616	154	862347	9.471	ng	100
53) 3-Nitroaniline	14.469	138	254277	8.541	ng	99
54) 2,4-Dinitrophenol	14.675	184	144370	7.635	ng	94
55) Dibenzofuran	14.957	168	1434126	9.500	ng	98
56) 4-Nitrophenol	14.775	139	210789	8.812	ng	97
57) 2,4-Dinitrotoluene	14.928	165	337785	8.876	ng	99
58) Fluorene	15.604	166	1161408	9.749	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.181	232	325479	8.848	ng	99
60) Diethylphthalate	15.375	149	1161512	9.305	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	619076	9.785	ng	99
62) 4-Nitroaniline	15.628	138	256723	8.422	ng	96
63) Azobenzene	15.892	77	1052623	9.184	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	201941	7.955	ng	94
66) n-Nitrosodiphenylamine	15.816	169	1014670	9.302	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	387343	9.064	ng	96
68) Hexachlorobenzene	16.616	284	452117	9.716	ng	98
69) Atrazine	16.769	200	395150	9.891	ng	99
70) Pentachlorophenol	16.963	266	260949	7.651	ng	99
71) Phenanthrene	17.357	178	1896779	9.684	ng	99
72) Anthracene	17.451	178	1896371	9.515	ng	99
73) Carbazole	17.722	167	1747569	9.627	ng	100
74) Di-n-butylphthalate	18.263	149	1978910	9.392	ng	100
75) Fluoranthene	19.322	202	2323586	9.876	ng	99
77) Benzidine	19.504	184	1370239	11.929	ng	100
78) Pyrene	19.680	202	2443368	9.610	ng	98
80) Butylbenzylphthalate	20.545	149	923851	8.405	ng	97
81) Benzo(a)anthracene	21.392	228	2538226	9.749	ng	98
82) 3,3'-Dichlorobenzidine	21.322	252	1029336	10.582	ng	99
83) Chrysene	21.445	228	2399078	9.753	ng	98
84) Bis(2-ethylhexyl)phtha...	21.298	149	1401528	8.812	ng	98
85) Di-n-octyl phthalate	22.245	149	2415694	8.947	ng	99
87) Indeno(1,2,3-cd)pyrene	26.445	276	2816769	8.705	ng	100
88) Benzo(b)fluoranthene	23.116	252	2673517	10.063	ng	100
89) Benzo(k)fluoranthene	23.163	252	2553189	9.901	ng	99
90) Benzo(a)pyrene	23.757	252	2321535	8.895	ng	99
91) Dibenzo(a,h)anthracene	26.451	278	2452811	9.104	ng	100
92) Benzo(g,h,i)perylene	27.227	276	2386827	8.978	ng	99

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

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