Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091622\
Data File : BP011726.D
Acq On : 16 Sep 2022 11:55
Operator : CG/JU
Sample : N3980-08
Misc : LOQ-WATER-10NG
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

Quant Time: Sep 16 15:47:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 16 15:46:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	468683	20.000	ng		0.00
21) Naphthalene-d8	10.752	136	1893805	20.000	ng	#	0.00
39) Acenaphthene-d10	14.587	164	1071062	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	2083515	20.000	ng	#	0.00
76) Chrysene-d12	21.416	240	1958355	20.000	ng	#	0.00
86) Perylene-d12	23.874	264	1894242	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2456293	95.394	ng		0.00
7) Phenol-d6	7.099	99	3196827	93.138	ng		0.00
23) Nitrobenzene-d5	9.105	82	2204510	69.037	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	773731	92.456	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	4773991	69.285	ng		0.00
79) Terphenyl-d14	19.892	244	6270169	69.625	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	108615	9.578	ng	#	84
3) Pyridine	3.787	79	259007	7.923	ng	#	80
4) n-Nitrosodimethylamine	3.693	42	113212	9.033	ng	#	51
6) Aniline	7.263	93	418651	9.902	ng		91
8) 2-Chlorophenol	7.499	128	278680	9.128	ng		95
9) Benzaldehyde	7.075	77	244743	11.140	ng		94
10) Phenol	7.122	94	352381	9.128	ng		85
11) bis(2-Chloroethyl)ether	7.363	93	281511	9.154	ng		93
12) 1,3-Dichlorobenzene	7.828	146	313648m	9.263	ng		
13) 1,4-Dichlorobenzene	7.975	146	317565	9.222	ng		97
14) 1,2-Dichlorobenzene	8.293	146	304300	9.270	ng		95
15) Benzyl Alcohol	8.181	79	214488	8.753	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.469	45	394799	9.611	ng		94
17) 2-Methylphenol	8.381	107	216115	8.622	ng	#	92
18) Hexachloroethane	9.028	117	108157	9.081	ng		93
19) n-Nitroso-di-n-propyla...	8.752	70	195094	8.779	ng	#	83
20) 3+4-Methylphenols	8.710	107	284710	8.271	ng		91
22) Acetophenone	8.769	105	414369	9.334	ng	#	87
24) Nitrobenzene	9.152	77	306951	9.239	ng		90
25) Isophorone	9.681	82	506607	8.968	ng		95
26) 2-Nitrophenol	9.863	139	98899	7.256	ng		87
27) 2,4-Dimethylphenol	9.922	122	232002	9.824	ng		88
28) bis(2-Chloroethoxy)met...	10.163	93	360449	9.979	ng		98
29) 2,4-Dichlorophenol	10.399	162	218921	8.368	ng		98
30) 1,2,4-Trichlorobenzene	10.616	180	254012	8.770	ng		95
31) Naphthalene	10.804	128	877176	8.926	ng		100
32) Benzoic acid	10.010	122	173943	9.843	ng		90
33) 4-Chloroaniline	10.916	127	336334	8.723	ng	#	92
34) Hexachlorobutadiene	11.093	225	136262	8.540	ng		97
35) Caprolactam	11.687	113	59170m	6.980	ng		
36) 4-Chloro-3-methylphenol	12.028	107	235545	8.372	ng		93
37) 2-Methylnaphthalene	12.410	142	581941	8.848	ng		97
38) 1-Methylnaphthalene	12.628	142	554443	8.622	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	259356	9.175	ng		98
41) Hexachlorocyclopentadiene	12.757	237	138597	9.823	ng		98
43) 2,4,6-Trichlorophenol	13.016	196	149071	7.753	ng		97

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44) 2,4,5-Trichlorophenol	13.081	196	169346	7.877	ng		96
46) 1,1'-Biphenyl	13.422	154	752850	9.662	ng		99
47) 2-Chloronaphthalene	13.457	162	559819	9.132	ng		98
48) 2-Nitroaniline	13.663	65	129417	7.528	ng		86
49) Acenaphthylene	14.304	152	830802	8.758	ng		99
50) Dimethylphthalate	14.040	163	654748	8.763	ng		99
51) 2,6-Dinitrotoluene	14.157	165	120321	7.941	ng		93
52) Acenaphthene	14.645	154	562036m	8.907	ng		
53) 3-Nitroaniline	14.487	138	132046	7.557	ng		91
54) 2,4-Dinitrophenol	14.687	184	61146	8.284	ng		92
55) Dibenzofuran	14.981	168	832558	9.163	ng		98
56) 4-Nitrophenol	14.787	139	111338	7.562	ng	#	75
57) 2,4-Dinitrotoluene	14.940	165	147314	7.506	ng		96
58) Fluorene	15.634	166	661650	8.978	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.204	232	133760	7.573	ng		92
60) Diethylphthalate	15.404	149	644766	8.667	ng		98
61) 4-Chlorophenyl-phenyle...	15.628	204	307507	9.026	ng		99
62) 4-Nitroaniline	15.645	138	127906	7.282	ng	#	82
63) Azobenzene	15.922	77	627597	8.779	ng		92
65) 4,6-Dinitro-2-methylph...	15.704	198	85444	8.386	ng		91
66) n-Nitrosodiphenylamine	15.839	169	549744	8.868	ng		98
67) 4-Bromophenyl-phenylether	16.528	248	161916	8.302	ng		97
68) Hexachlorobenzene	16.639	284	175785	8.368	ng		96
69) Atrazine	16.792	200	166530	8.800	ng		96
70) Pentachlorophenol	16.981	266	116923	8.774	ng		99
71) Phenanthrene	17.381	178	1004813	8.863	ng		98
72) Anthracene	17.469	178	958498	8.939	ng		99
73) Carbazole	17.739	167	907485	8.971	ng		99
74) Di-n-butylphthalate	18.292	149	993472	8.148	ng		99
75) Fluoranthene	19.339	202	1063130	8.695	ng		94
77) Benzidine	19.522	184	509478	10.939	ng		98
78) Pyrene	19.692	202	1133502	8.582	ng		99
80) Butylbenzylphthalate	20.569	149	412275	7.449	ng		93
81) Benzo(a)anthracene	21.404	228	1105159	8.755	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	359033	9.365	ng	#	98
83) Chrysene	21.457	228	1046507	8.677	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	626815	7.872	ng	#	97
85) Di-n-octyl phthalate	22.269	149	966007	7.070	ng		95
87) Indeno(1,2,3-cd)pyrene	26.439	276	1096978	8.038	ng	#	89
88) Benzo(b)fluoranthene	23.121	252	1038331	8.863	ng	#	97
89) Benzo(k)fluoranthene	23.174	252	1066078	9.030	ng	#	97
90) Benzo(a)pyrene	23.763	252	876408	9.055	ng	#	95
91) Dibenzo(a,h)anthracene	26.462	278	972329	8.581	ng	#	93
92) Benzo(g,h,i)perylene	27.233	276	930310	8.421	ng	#	91

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

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