Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011713.D
Acq On : 15 Sep 2022 18:45
Operator : CG/JU
Sample : N3980-08
Misc : LOQ--WATER-10NG
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 03:53:10 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 03:52:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	429696	20.000	ng		0.00
21) Naphthalene-d8	10.752	136	1767966	20.000	ng	#	0.00
39) Acenaphthene-d10	14.581	164	1015536	20.000	ng		0.00
64) Phenanthrene-d10	17.334	188	1935468	20.000	ng	#	0.00
76) Chrysene-d12	21.410	240	1684549	20.000	ng	#	0.00
86) Perylene-d12	23.863	264	1547250	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2379942	100.815	ng		0.00
7) Phenol-d6	7.093	99	3202387	101.765	ng		0.00
23) Nitrobenzene-d5	9.105	82	2220635	74.492	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	781176	98.450	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	4849497	74.229	ng		0.00
79) Terphenyl-d14	19.886	244	5929920	76.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	109641	10.546	ng	#	83
3) Pyridine	3.787	79	270617	9.029	ng	#	80
4) n-Nitrosodimethylamine	3.693	42	115998	10.095	ng	#	51
6) Aniline	7.263	93	435313	11.230	ng		90
8) 2-Chlorophenol	7.499	128	287820	10.282	ng		94
9) Benzaldehyde	7.075	77	253313	12.576	ng		93
10) Phenol	7.122	94	366818	10.364	ng		83
11) bis(2-Chloroethyl)ether	7.358	93	297759	10.561	ng		93
12) 1,3-Dichlorobenzene	7.828	146	315647	10.168	ng	#	92
13) 1,4-Dichlorobenzene	7.975	146	324964	10.294	ng		97
14) 1,2-Dichlorobenzene	8.293	146	313234	10.408	ng		96
15) Benzyl Alcohol	8.181	79	226804	10.096	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.475	45	405409	10.765	ng		94
17) 2-Methylphenol	8.381	107	225160	9.798	ng	#	91
18) Hexachloroethane	9.022	117	110381	10.109	ng		90
19) n-Nitroso-di-n-propyla...	8.752	70	209322	10.274	ng	#	84
20) 3+4-Methylphenols	8.705	107	300657	9.526	ng		92
22) Acetophenone	8.763	105	436091	10.522	ng	#	88
24) Nitrobenzene	9.146	77	323437	10.428	ng		91
25) Isophorone	9.675	82	538767	10.217	ng		95
26) 2-Nitrophenol	9.857	139	102683	8.070	ng		89
27) 2,4-Dimethylphenol	9.916	122	245462	11.133	ng		90
28) bis(2-Chloroethoxy)met...	10.157	93	384434	11.400	ng		100
29) 2,4-Dichlorophenol	10.393	162	232631	9.525	ng		97
30) 1,2,4-Trichlorobenzene	10.610	180	263852	9.758	ng		97
31) Naphthalene	10.799	128	925495	10.088	ng		100
32) Benzoic acid	10.016	122	269970	16.363	ng		87
33) 4-Chloroaniline	10.910	127	367739	10.216	ng	#	92
34) Hexachlorobutadiene	11.087	225	141206	9.480	ng		98
35) Caprolactam	11.687	113	65841	8.320	ng	#	76
36) 4-Chloro-3-methylphenol	12.028	107	255352	9.722	ng		93
37) 2-Methylnaphthalene	12.404	142	609880	9.933	ng		97
38) 1-Methylnaphthalene	12.622	142	589128	9.814	ng		100
40) 1,2,4,5-Tetrachloroben...	12.769	216	272213	10.156	ng		97
41) Hexachlorocyclopentadiene	12.751	237	143445	10.722	ng		97
43) 2,4,6-Trichlorophenol	13.010	196	164409	9.018	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	181752	8.916	ng		98
46) 1,1'-Biphenyl	13.410	154	790739	10.703	ng		99
47) 2-Chloronaphthalene	13.451	162	587647	10.110	ng		99
48) 2-Nitroaniline	13.657	65	140784	8.637	ng		88
49) Acenaphthylene	14.298	152	878447	9.767	ng		99
50) Dimethylphthalate	14.034	163	688748	9.722	ng		100
51) 2,6-Dinitrotoluene	14.151	165	131377	9.145	ng		91
52) Acenaphthene	14.640	154	609476m	10.187	ng		
53) 3-Nitroaniline	14.481	138	140162	8.460	ng		92
54) 2,4-Dinitrophenol	14.681	184	86117	12.305	ng		91
55) Dibenzofuran	14.975	168	879906	10.213	ng		98
56) 4-Nitrophenol	14.781	139	124124	8.892	ng	#	76
57) 2,4-Dinitrotoluene	14.934	165	155870	8.376	ng		94
58) Fluorene	15.628	166	699527	10.011	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	142588	8.514	ng		91
60) Diethylphthalate	15.398	149	677899	9.611	ng		97
61) 4-Chlorophenyl-phenyle...	15.622	204	325256	10.069	ng		98
62) 4-Nitroaniline	15.640	138	136625	8.204	ng	#	81
63) Azobenzene	15.916	77	661943	9.766	ng		92
65) 4,6-Dinitro-2-methylph...	15.698	198	112866	11.924	ng		89
66) n-Nitrosodiphenylamine	15.834	169	585128	10.161	ng		98
67) 4-Bromophenyl-phenylether	16.516	248	170781	9.426	ng		95
68) Hexachlorobenzene	16.628	284	187740	9.621	ng	#	93
69) Atrazine	16.787	200	172270	9.800	ng		95
70) Pentachlorophenol	16.975	266	142232	11.490	ng		99
71) Phenanthrene	17.375	178	1045402	9.927	ng		99
72) Anthracene	17.463	178	997141	10.011	ng		99
73) Carbazole	17.734	167	941920	10.024	ng		99
74) Di-n-butylphthalate	18.286	149	991996	8.759	ng		98
75) Fluoranthene	19.333	202	1067465	9.398	ng		95
77) Benzidine	19.516	184	457093	11.410	ng		99
78) Pyrene	19.686	202	1122419	9.879	ng		98
80) Butylbenzylphthalate	20.557	149	389455	8.180	ng		98
81) Benzo(a)anthracene	21.392	228	1045835	9.632	ng		97
82) 3,3'-Dichlorobenzidine	21.327	252	348190	10.558	ng	#	96
83) Chrysene	21.451	228	999643	9.636	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	571109	8.338	ng	#	99
85) Di-n-octyl phthalate	22.263	149	878089	7.471	ng		95
87) Indeno(1,2,3-cd)pyrene	26.421	276	1017023	9.124	ng	#	89
88) Benzo(b)fluoranthene	23.110	252	997406	10.423	ng	#	96
89) Benzo(k)fluoranthene	23.163	252	954370	9.897	ng	#	97
90) Benzo(a)pyrene	23.757	252	807942	10.220	ng	#	96
91) Dibenzo(a,h)anthracene	26.445	278	902217	9.747	ng	#	93
92) Benzo(g,h,i)perylene	27.215	276	862864	9.562	ng	#	90

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

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