Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132160.D
Acq On : 20 Jan 2023 14:09
Operator : CG\JU
Sample : N3980-08
Misc : LOQ-WATER-10ppm
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 02:33:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 02:30:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	188406	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	668375	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	359673	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	713087	20.000	ng	0.00
76) Chrysene-d12	14.301	240	485482	20.000	ng	0.00
86) Perylene-d12	15.901	264	362057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	973302	90.244	ng	0.00
7) Phenol-d6	6.701	99	1244079	91.634	ng	0.00
23) Nitrobenzene-d5	7.654	82	815360	64.806	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	379364	98.745	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1430587	58.120	ng	0.00
79) Terphenyl-d14	13.236	244	1645647	56.781	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	47187	8.636	ng	99
3) Pyridine	3.802	79	126690	8.637	ng	97
4) n-Nitrosodimethylamine	3.725	42	62467	9.055	ng	92
6) Aniline	6.754	93	183656	9.766	ng	97
8) 2-Chlorophenol	6.872	128	118103	10.418	ng	96
9) Benzaldehyde	6.643	77	95618	10.947	ng	98
10) Phenol	6.713	94	143811	10.175	ng	94
11) bis(2-Chloroethyl)ether	6.819	93	122440	10.233	ng	95
12) 1,3-Dichlorobenzene	7.031	146	135617	10.702	ng	96
13) 1,4-Dichlorobenzene	7.107	146	138973	10.990	ng	98
14) 1,2-Dichlorobenzene	7.260	146	128110	10.957	ng	98
15) Benzyl Alcohol	7.219	79	95706	9.216	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.354	45	179302	10.311	ng	98
17) 2-Methylphenol	7.319	107	94823	9.547	ng	96
18) Hexachloroethane	7.607	117	48998	10.794	ng	97
19) n-Nitroso-di-n-propyla...	7.490	70	86668	10.422	ng	98
20) 3+4-Methylphenols	7.472	107	123535	9.871	ng	95
22) Acetophenone	7.490	105	156257	9.727	ng	97
24) Nitrobenzene	7.666	77	134149	10.070	ng	97
25) Isophorone	7.901	82	233508	9.485	ng	97
26) 2-Nitrophenol	7.984	139	49645	11.715	ng	96
27) 2,4-Dimethylphenol	8.007	122	81860	7.685	ng	97
28) bis(2-Chloroethoxy)met...	8.113	93	148816	10.075	ng	99
29) 2,4-Dichlorophenol	8.219	162	101304	10.017	ng	98
30) 1,2,4-Trichlorobenzene	8.313	180	118496	10.316	ng	98
31) Naphthalene	8.401	128	354292	10.321	ng	98
32) Benzoic acid	8.072	122	71898m	11.526	ng	
33) 4-Chloroaniline	8.437	127	146299	9.959	ng	98
34) Hexachlorobutadiene	8.513	225	78029	10.112	ng	99
35) Caprolactam	8.778	113	36278	12.650	ng	97
36) 4-Chloro-3-methylphenol	8.901	107	100598	9.885	ng	95
37) 2-Methylnaphthalene	9.089	142	237588	10.053	ng	99
38) 1-Methylnaphthalene	9.189	142	225711	10.264	ng	99
40) 1,2,4,5-Tetrachloroben...	9.254	216	114290	9.133	ng	99
41) Hexachlorocyclopentadiene	9.242	237	72942	10.681	ng	97
43) 2,4,6-Trichlorophenol	9.360	196	73646	9.483	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	85140	9.373	ng		98
46) 1,1'-Biphenyl	9.554	154	267874	9.440	ng		100
47) 2-Chloronaphthalene	9.584	162	229339	10.455	ng		99
48) 2-Nitroaniline	9.672	65	64343	10.188	ng		97
49) Acenaphthylene	10.001	152	355623	10.134	ng		98
50) Dimethylphthalate	9.842	163	266861	10.244	ng		99
51) 2,6-Dinitrotoluene	9.913	165	52503	10.399	ng		91
52) Acenaphthene	10.178	154	215428	10.206	ng		99
53) 3-Nitroaniline	10.084	138	54374	10.072	ng		95
54) 2,4-Dinitrophenol	10.184	184	17039	8.753	ng	#	24
55) Dibenzofuran	10.348	168	337110	10.335	ng		97
56) 4-Nitrophenol	10.219	139	38102	9.698	ng		96
57) 2,4-Dinitrotoluene	10.313	165	64811	10.694	ng		88
58) Fluorene	10.689	166	261184	10.806	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	69788	10.100	ng		97
60) Diethylphthalate	10.554	149	259700	10.166	ng		98
61) 4-Chlorophenyl-phenyle...	10.683	204	136406	10.540	ng		90
62) 4-Nitroaniline	10.695	138	51385	10.224	ng		88
63) Azobenzene	10.842	77	255214	9.955	ng		97
65) 4,6-Dinitro-2-methylph...	10.719	198	32129	10.392	ng		85
66) n-Nitrosodiphenylamine	10.795	169	222683	9.751	ng		100
67) 4-Bromophenyl-phenylether	11.178	248	82623	9.506	ng		92
68) Hexachlorobenzene	11.242	284	89932	10.411	ng		99
69) Atrazine	11.319	200	66245	9.402	ng		98
70) Pentachlorophenol	11.430	266	64770	11.668	ng		97
71) Phenanthrene	11.666	178	388898	10.392	ng		99
72) Anthracene	11.713	178	388242	10.255	ng		100
73) Carbazole	11.866	167	343982	10.637	ng		98
74) Di-n-butylphthalate	12.189	149	378355	10.510	ng		99
75) Fluoranthene	12.866	202	416706	10.841	ng		98
77) Benzidine	12.977	184	135104	9.269	ng		96
78) Pyrene	13.095	202	418609	9.356	ng		99
80) Butylbenzylphthalate	13.707	149	119543	9.220	ng		94
81) Benzo(a)anthracene	14.289	228	329578	9.503	ng		98
82) 3,3'-Dichlorobenzidine	14.248	252	80059	8.289	ng	#	99
83) Chrysene	14.330	228	307269	9.307	ng		99
84) Bis(2-ethylhexyl)phtha...	14.266	149	149801	8.750	ng		99
85) Di-n-octyl phthalate	14.907	149	162657	11.416	ng		100
87) Indeno(1,2,3-cd)pyrene	17.560	276	217027	8.260	ng		98
88) Benzo(b)fluoranthene	15.413	252	224986	10.206	ng		99
89) Benzo(k)fluoranthene	15.448	252	236871	10.536	ng		99
90) Benzo(a)pyrene	15.830	252	184408	8.696	ng		98
91) Dibenzo(a,h)anthracene	17.577	278	190043	8.869	ng		99
92) Benzo(g,h,i)perylene	18.059	276	197118	8.742	ng		96

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

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