Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131300.D
Acq On : 18 Nov 2022 16:29
Operator : CG\JU
Sample : N4955-08
Misc : LOQ-WATER 10ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Quant Time: Nov 21 01:31:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 00:46:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	87417	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	322714	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	187649	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	347592	20.000	ng		0.00
76) Chrysene-d12	14.174	240	230754	20.000	ng		0.00
86) Perylene-d12	15.716	264	170228	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	446797	93.550	ng		0.00
7) Phenol-d6	6.581	99	556165	91.857	ng		0.00
23) Nitrobenzene-d5	7.534	82	421399	69.752	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	158405	94.828	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	843960	64.237	ng		0.00
79) Terphenyl-d14	13.116	244	934423	60.530	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	20535	9.300	ng		95
3) Pyridine	3.552	79	50245	8.166	ng		98
4) n-Nitrosodimethylamine	3.481	42	31035	8.130	ng		93
6) Aniline	6.628	93	76921	10.151	ng		97
8) 2-Chlorophenol	6.751	128	49809	9.422	ng		91
9) Benzaldehyde	6.516	77	45835	10.428	ng		99
10) Phenol	6.593	94	61349	9.155	ng		92
11) bis(2-Chloroethyl)ether	6.698	93	51738	9.592	ng		99
12) 1,3-Dichlorobenzene	6.910	146	57922	9.210	ng		95
13) 1,4-Dichlorobenzene	6.987	146	58795	9.194	ng		95
14) 1,2-Dichlorobenzene	7.140	146	55032	9.245	ng		99
15) Benzyl Alcohol	7.104	79	39675m	7.693	ng		
16) 2,2'-oxybis(1-Chloropr...	7.240	45	97830	9.579	ng		99
17) 2-Methylphenol	7.204	107	42187	9.128	ng		95
18) Hexachloroethane	7.487	117	21374	9.400	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	39989	9.183	ng		94
20) 3+4-Methylphenols	7.357	107	53988	9.146	ng		90
22) Acetophenone	7.375	105	79652	9.341	ng	#	98
24) Nitrobenzene	7.551	77	59443	9.721	ng		94
25) Isophorone	7.787	82	106001	9.190	ng		100
26) 2-Nitrophenol	7.869	139	17453	9.012	ng		93
27) 2,4-Dimethylphenol	7.898	122	47646	10.507	ng		100
28) bis(2-Chloroethoxy)met...	7.998	93	64163	9.959	ng		100
29) 2,4-Dichlorophenol	8.104	162	43409	8.939	ng		98
30) 1,2,4-Trichlorobenzene	8.198	180	51624	8.562	ng		95
31) Naphthalene	8.281	128	151935	8.682	ng		99
32) Benzoic acid	7.969	122	34743m	12.807	ng		
33) 4-Chloroaniline	8.322	127	62730	9.228	ng		99
34) Hexachlorobutadiene	8.392	225	34878	8.754	ng		98
35) Caprolactam	8.663	113	12113	8.958	ng		96
36) 4-Chloro-3-methylphenol	8.798	107	46880	8.956	ng		99
37) 2-Methylnaphthalene	8.975	142	106526	9.032	ng		97
38) 1-Methylnaphthalene	9.075	142	98778	8.643	ng		98
40) 1,2,4,5-Tetrachloroben...	9.140	216	55935	9.110	ng		98
41) Hexachlorocyclopentadiene	9.128	237	25673	9.666	ng		94
43) 2,4,6-Trichlorophenol	9.245	196	26248	7.190	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	34609	8.701	ng		98
46) 1,1'-Biphenyl	9.439	154	134189	9.261	ng		99
47) 2-Chloronaphthalene	9.463	162	103453	8.892	ng		97
48) 2-Nitroaniline	9.557	65	28936	8.998	ng		97
49) Acenaphthylene	9.881	152	159767	8.990	ng		98
50) Dimethylphthalate	9.734	163	120639	8.878	ng		98
51) 2,6-Dinitrotoluene	9.798	165	20581	9.221	ng		96
52) Acenaphthene	10.057	154	100351	9.050	ng		100
53) 3-Nitroaniline	9.969	138	22749	9.631	ng		94
54) 2,4-Dinitrophenol	10.069	184	9175	11.670	ng	#	84
55) Dibenzofuran	10.228	168	145412	9.043	ng		96
56) 4-Nitrophenol	10.110	139	14595	8.211	ng	#	85
57) 2,4-Dinitrotoluene	10.198	165	25559	9.470	ng		96
58) Fluorene	10.575	166	115968	9.082	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	27940	8.293	ng		98
60) Diethylphthalate	10.439	149	114404	8.825	ng		97
61) 4-Chlorophenyl-phenyle...	10.569	204	60849	9.400	ng		91
62) 4-Nitroaniline	10.581	138	21414	8.923	ng		90
63) Azobenzene	10.728	77	119387	8.867	ng		99
65) 4,6-Dinitro-2-methylph...	10.604	198	10977	9.109	ng		76
66) n-Nitrosodiphenylamine	10.681	169	98847	8.825	ng		99
67) 4-Bromophenyl-phenylether	11.057	248	37633	9.023	ng		94
68) Hexachlorobenzene	11.122	284	40135	8.869	ng		97
69) Atrazine	11.204	200	33699	9.431	ng		96
70) Pentachlorophenol	11.310	266	28289m	11.701	ng		
71) Phenanthrene	11.545	178	166716	8.674	ng		98
72) Anthracene	11.592	178	170475	9.070	ng		99
73) Carbazole	11.745	167	143837	9.103	ng		99
74) Di-n-butylphthalate	12.080	149	175971	9.224	ng		100
75) Fluoranthene	12.739	202	173941	8.721	ng		99
77) Benzidine	12.863	184	75524	14.470	ng		97
78) Pyrene	12.969	202	177063	7.975	ng		99
80) Butylbenzylphthalate	13.592	149	53897	8.025	ng		97
81) Benzo(a)anthracene	14.163	228	135412	8.324	ng		97
82) 3,3'-Dichlorobenzidine	14.127	252	40815	9.450	ng		96
83) Chrysene	14.198	228	128631	8.267	ng		98
84) Bis(2-ethylhexyl)phtha...	14.151	149	67933	8.690	ng		98
85) Di-n-octyl phthalate	14.780	149	86093	7.758	ng		100
87) Indeno(1,2,3-cd)pyrene	17.286	276	91289	7.071	ng		96
88) Benzo(b)fluoranthene	15.251	252	99614	8.695	ng		98
89) Benzo(k)fluoranthene	15.280	252	98737	8.432	ng		97
90) Benzo(a)pyrene	15.645	252	81542	8.669	ng		99
91) Dibenzo(a,h)anthracene	17.315	278	81694	7.689	ng		97
92) Benzo(g,h,i)perylene	17.762	276	81816	7.617	ng		97

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

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