Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131303.D
Acq On : 18 Nov 2022 18:12
Operator : CG\JU
Sample : N4955-08
Misc : LOQ-WATER 5ppm
ALS Vial : 15 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 01:38:14 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	83486	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	304567	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	182688	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	338476	20.000	ng		0.00
76) Chrysene-d12	14.174	240	234977	20.000	ng		0.00
86) Perylene-d12	15.715	264	172131	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	445135	97.591	ng		0.00
7) Phenol-d6	6.581	99	547121	94.618	ng		0.00
23) Nitrobenzene-d5	7.533	82	414503	72.699	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	160179	98.494	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	833500	65.163	ng		0.00
79) Terphenyl-d14	13.115	244	977996	62.214	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	9963	4.724	ng		99
3) Pyridine	3.569	79	24229m	4.123	ng		
4) n-Nitrosodimethylamine	3.487	42	14095	3.866	ng	#	78
6) Aniline	6.628	93	37168	5.136	ng		98
8) 2-Chlorophenol	6.745	128	25707	5.092	ng		96
9) Benzaldehyde	6.516	77	22513	5.363	ng		98
10) Phenol	6.592	94	29688	4.639	ng		90
11) bis(2-Chloroethyl)ether	6.698	93	24672	4.789	ng		94
12) 1,3-Dichlorobenzene	6.910	146	28433m	4.734	ng		
13) 1,4-Dichlorobenzene	6.986	146	28603	4.683	ng		97
14) 1,2-Dichlorobenzene	7.139	146	27009	4.751	ng		98
15) Benzyl Alcohol	7.128	79	18159	3.687	ng	#	60
16) 2,2'-oxybis(1-Chloropr...	7.239	45	46523	4.770	ng		95
17) 2-Methylphenol	7.204	107	20328	4.605	ng		94
18) Hexachloroethane	7.486	117	9955	4.584	ng		93
19) n-Nitroso-di-n-propyla...	7.369	70	18321	4.405	ng	#	94
20) 3+4-Methylphenols	7.204	107	20328	3.606	ng		83
22) Acetophenone	7.375	105	39284	4.881	ng	#	97
24) Nitrobenzene	7.551	77	29914	5.183	ng	#	90
25) Isophorone	7.786	82	51660	4.746	ng		98
26) 2-Nitrophenol	7.869	139	7765	4.248	ng		96
27) 2,4-Dimethylphenol	7.898	122	20357	4.757	ng		99
28) bis(2-Chloroethoxy)met...	7.998	93	31304	5.149	ng		93
29) 2,4-Dichlorophenol	8.104	162	21122	4.609	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	25844	4.542	ng		96
31) Naphthalene	8.280	128	76600	4.638	ng		99
32) Benzoic acid	7.928	122	6176m	2.412	ng		
33) 4-Chloroaniline	8.322	127	29704	4.630	ng		98
34) Hexachlorobutadiene	8.392	225	16921	4.500	ng		96
35) Caprolactam	8.651	113	5538	4.340	ng		95
36) 4-Chloro-3-methylphenol	8.798	107	21245	4.301	ng		96
37) 2-Methylnaphthalene	8.975	142	50752	4.560	ng		99
38) 1-Methylnaphthalene	9.075	142	50005	4.636	ng		96
40) 1,2,4,5-Tetrachloroben...	9.133	216	27738	4.640	ng		97
41) Hexachlorocyclopentadiene	9.127	237	11405	4.411	ng		97
43) 2,4,6-Trichlorophenol	9.245	196	13162	3.703	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.280	196	15093	3.898	ng		95
46)	1,1'-Biphenyl	9.439	154	70088	4.968	ng		99
47)	2-Chloronaphthalene	9.463	162	52270	4.615	ng		96
48)	2-Nitroaniline	9.557	65	12741	4.070	ng		94
49)	Acenaphthylene	9.880	152	80354	4.644	ng		97
50)	Dimethylphthalate	9.733	163	62268	4.707	ng		99
51)	2,6-Dinitrotoluene	9.798	165	9819	4.519	ng		90
52)	Acenaphthene	10.057	154	49466	4.582	ng		97
53)	3-Nitroaniline	9.963	138	10087	4.386	ng		95
54)	2,4-Dinitrophenol	10.069	184	1698	2.218	ng	#	60
55)	Dibenzofuran	10.227	168	73803	4.714	ng		96
56)	4-Nitrophenol	10.110	139	5452	3.151	ng		94
57)	2,4-Dinitrotoluene	10.198	165	10790	4.107	ng		96
58)	Fluorene	10.574	166	60678	4.881	ng		93
59)	2,3,4,6-Tetrachlorophenol	10.339	232	13053	3.980	ng		96
60)	Diethylphthalate	10.439	149	59073	4.681	ng		98
61)	4-Chlorophenyl-phenyle...	10.563	204	30652	4.864	ng		97
62)	4-Nitroaniline	10.574	138	9873	4.226	ng		98
63)	Azobenzene	10.727	77	59965	4.575	ng		98
65)	4,6-Dinitro-2-methylph...	10.604	198	2728	2.325	ng		87
66)	n-Nitrosodiphenylamine	10.680	169	49063	4.498	ng		98
67)	4-Bromophenyl-phenylether	11.057	248	18873	4.647	ng		98
68)	Hexachlorobenzene	11.116	284	19735	4.479	ng	#	87
69)	Atrazine	11.204	200	16258	4.672	ng		97
70)	Pentachlorophenol	11.310	266	7485	3.179	ng	#	83
71)	Phenanthrene	11.539	178	86240	4.608	ng		99
72)	Anthracene	11.592	178	86281	4.714	ng		99
73)	Carbazole	11.745	167	71939	4.676	ng		99
74)	Di-n-butylphthalate	12.080	149	86420	4.652	ng		99
75)	Fluoranthene	12.739	202	89067	4.586	ng		98
77)	Benzidine	12.863	184	32729	6.158	ng		95
78)	Pyrene	12.968	202	90883	4.020	ng		97
80)	Butylbenzylphthalate	13.592	149	25323	3.703	ng		93
81)	Benzo(a)anthracene	14.162	228	71391	4.309	ng		97
82)	3,3'-Dichlorobenzidine	14.127	252	19360	4.402	ng		95
83)	Chrysene	14.198	228	68143	4.301	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.151	149	35515	4.461	ng		98
85)	Di-n-octyl phthalate	14.780	149	42447	3.756	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.286	276	44845	3.435	ng		98
88)	Benzo(b)fluoranthene	15.251	252	49130	4.241	ng		96
89)	Benzo(k)fluoranthene	15.280	252	54787	4.627	ng		99
90)	Benzo(a)pyrene	15.645	252	41825	4.397	ng		95
91)	Dibenzo(a,h)anthracene	17.309	278	39527	3.679	ng		94
92)	Benzo(g,h,i)perylene	17.762	276	40223	3.703	ng		97

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

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