Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131299.D
Acq On : 18 Nov 2022 15:57
Operator : CG\JU
Sample : N4955-08
Misc : LOQ-WATER 10ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 21 01:28:22 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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	83194	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	293902	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	172212	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	326642	20.000	ng		0.00
76) Chrysene-d12	14.174	240	218222	20.000	ng		0.00
86) Perylene-d12	15.715	264	162112	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	487572	107.270	ng		0.00
7) Phenol-d6	6.581	99	615679	106.849	ng		0.00
23) Nitrobenzene-d5	7.534	82	471216	85.645	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	179984	117.404	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	931782	77.278	ng		0.00
79) Terphenyl-d14	13.116	244	1068004	73.156	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	23002	10.946	ng		99
3) Pyridine	3.557	79	56171	9.593	ng		98
4) n-Nitrosodimethylamine	3.493	42	36255	9.979	ng		92
6) Aniline	6.628	93	83821	11.623	ng		96
8) 2-Chlorophenol	6.751	128	56284	11.187	ng		93
9) Benzaldehyde	6.522	77	50529	12.079	ng		94
10) Phenol	6.593	94	67882	10.644	ng		98
11) bis(2-Chloroethyl)ether	6.698	93	55492	10.810	ng		96
12) 1,3-Dichlorobenzene	6.910	146	64903	10.843	ng		95
13) 1,4-Dichlorobenzene	6.987	146	65144	10.704	ng		97
14) 1,2-Dichlorobenzene	7.140	146	61780	10.906	ng		98
15) Benzyl Alcohol	7.104	79	45008m	9.171	ng		
16) 2,2'-oxybis(1-Chloropr...	7.245	45	108533	11.167	ng		98
17) 2-Methylphenol	7.204	107	44961	10.222	ng		97
18) Hexachloroethane	7.487	117	23490	10.855	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	44102	10.641	ng		98
20) 3+4-Methylphenols	7.357	107	59770	10.639	ng		92
22) Acetophenone	7.375	105	87462	11.262	ng		97
24) Nitrobenzene	7.551	77	67222	12.071	ng		97
25) Isophorone	7.787	82	121047	11.523	ng		99
26) 2-Nitrophenol	7.869	139	20542	11.646	ng		97
27) 2,4-Dimethylphenol	7.898	122	53594	12.977	ng		96
28) bis(2-Chloroethoxy)met...	7.998	93	71735	12.226	ng		99
29) 2,4-Dichlorophenol	8.104	162	47125	10.655	ng		93
30) 1,2,4-Trichlorobenzene	8.198	180	58563	10.665	ng		98
31) Naphthalene	8.281	128	170576	10.703	ng		100
32) Benzoic acid	7.957	122	16412m	6.643	ng		
33) 4-Chloroaniline	8.322	127	68352	11.041	ng		98
34) Hexachlorobutadiene	8.392	225	38965	10.738	ng		96
35) Caprolactam	8.663	113	14611	11.865	ng	#	83
36) 4-Chloro-3-methylphenol	8.798	107	51658	10.837	ng		99
37) 2-Methylnaphthalene	8.975	142	118610	11.043	ng		98
38) 1-Methylnaphthalene	9.075	142	112847	10.843	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	63393	11.250	ng		100
41) Hexachlorocyclopentadiene	9.128	237	29819	12.233	ng		93
43) 2,4,6-Trichlorophenol	9.245	196	29875	8.917	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.281	196	38935	10.667	ng		97
46)	1,1'-Biphenyl	9.439	154	154608	11.626	ng		99
47)	2-Chloronaphthalene	9.469	162	115655	10.832	ng		99
48)	2-Nitroaniline	9.557	65	31664	10.729	ng		98
49)	Acenaphthylene	9.886	152	180845	11.088	ng		98
50)	Dimethylphthalate	9.733	163	136681	10.961	ng		99
51)	2,6-Dinitrotoluene	9.798	165	24023	11.728	ng		96
52)	Acenaphthene	10.057	154	108849	10.697	ng		98
53)	3-Nitroaniline	9.969	138	25484	11.756	ng		92
54)	2,4-Dinitrophenol	10.069	184	5407	7.494	ng	#	68
55)	Dibenzofuran	10.228	168	165748	11.232	ng		96
56)	4-Nitrophenol	10.110	139	15778	9.672	ng		96
57)	2,4-Dinitrotoluene	10.198	165	29618	11.958	ng		89
58)	Fluorene	10.575	166	131921	11.257	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.339	232	30375	9.824	ng		96
60)	Diethylphthalate	10.439	149	133961	11.260	ng		97
61)	4-Chlorophenyl-phenyle...	10.569	204	69427	11.686	ng		90
62)	4-Nitroaniline	10.580	138	24561	11.152	ng		92
63)	Azobenzene	10.728	77	133869	10.834	ng		99
65)	4,6-Dinitro-2-methylph...	10.604	198	7778	6.869	ng	#	67
66)	n-Nitrosodiphenylamine	10.680	169	111060	10.551	ng		99
67)	4-Bromophenyl-phenylether	11.063	248	41926	10.697	ng	#	91
68)	Hexachlorobenzene	11.122	284	45698	10.746	ng		97
69)	Atrazine	11.204	200	39225	11.681	ng		98
70)	Pentachlorophenol	11.310	266	19282m	8.487	ng		
71)	Phenanthrene	11.545	178	192816	10.675	ng		99
72)	Anthracene	11.592	178	194034	10.985	ng		99
73)	Carbazole	11.745	167	161942	10.907	ng		100
74)	Di-n-butylphthalate	12.080	149	208156	11.610	ng		99
75)	Fluoranthene	12.739	202	201729	10.763	ng		98
77)	Benzidine	12.863	184	91020	18.440	ng	#	94
78)	Pyrene	12.969	202	202049	9.623	ng		99
80)	Butylbenzylphthalate	13.592	149	65415	10.300	ng		97
81)	Benzo(a)anthracene	14.163	228	159440	10.363	ng		98
82)	3,3'-Dichlorobenzidine	14.127	252	48512	11.878	ng		97
83)	Chrysene	14.204	228	151100	10.269	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.151	149	84002	11.362	ng	#	99
85)	Di-n-octyl phthalate	14.780	149	109535	10.438	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.292	276	106808	8.687	ng		96
88)	Benzo(b)fluoranthene	15.257	252	116193	10.649	ng		99
89)	Benzo(k)fluoranthene	15.286	252	119396	10.706	ng		99
90)	Benzo(a)pyrene	15.645	252	96704	10.795	ng		99
91)	Dibenzo(a,h)anthracene	17.315	278	96449	9.533	ng		96
92)	Benzo(g,h,i)perylene	17.768	276	92928	9.085	ng		95

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

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