Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131302.D
Acq On : 18 Nov 2022 17:39
Operator : CG\JU
Sample : N4955-08
Misc : LOQ-WATER 5ppm
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 21 01:37:37 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	84711	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	302195	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	178617	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	325138	20.000	ng		0.00
76) Chrysene-d12	14.174	240	213395	20.000	ng		0.00
86) Perylene-d12	15.715	264	160332	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	476473	102.950	ng		0.00
7) Phenol-d6	6.581	99	597428	101.824	ng		0.00
23) Nitrobenzene-d5	7.534	82	447783	79.152	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	170069	106.959	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	891231	71.265	ng		0.00
79) Terphenyl-d14	13.116	244	997123	69.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	10695	4.998	ng		95
3) Pyridine	3.569	79	25964m	4.355	ng		
4) n-Nitrosodimethylamine	3.487	42	16777	4.535	ng	#	88
6) Aniline	6.628	93	40462	5.510	ng		97
8) 2-Chlorophenol	6.751	128	26415	5.156	ng		90
9) Benzaldehyde	6.516	77	24863	5.837	ng		100
10) Phenol	6.593	94	31744	4.888	ng		95
11) bis(2-Chloroethyl)ether	6.698	93	27129	5.190	ng		97
12) 1,3-Dichlorobenzene	6.910	146	30327m	4.976	ng		
13) 1,4-Dichlorobenzene	6.987	146	31182	5.032	ng		97
14) 1,2-Dichlorobenzene	7.140	146	28999	5.027	ng		98
15) Benzyl Alcohol	7.122	79	21152	4.233	ng	#	67
16) 2,2'-oxybis(1-Chloropr...	7.240	45	50962	5.149	ng		98
17) 2-Methylphenol	7.204	107	21492	4.799	ng		98
18) Hexachloroethane	7.487	117	11463	5.202	ng		93
19) n-Nitroso-di-n-propyla...	7.369	70	20817	4.933	ng		96
20) 3+4-Methylphenols	7.357	107	28294	4.946	ng		93
22) Acetophenone	7.375	105	43476	5.445	ng	#	98
24) Nitrobenzene	7.551	77	34178	5.969	ng		94
25) Isophorone	7.787	82	57024	5.280	ng		99
26) 2-Nitrophenol	7.869	139	9020	4.974	ng		96
27) 2,4-Dimethylphenol	7.898	122	22810	5.372	ng		98
28) bis(2-Chloroethoxy)met...	7.998	93	33100	5.487	ng		99
29) 2,4-Dichlorophenol	8.104	162	22143	4.869	ng		95
30) 1,2,4-Trichlorobenzene	8.198	180	27804	4.924	ng		96
31) Naphthalene	8.281	128	80783	4.930	ng		100
32) Benzoic acid	7.934	122	7486m	2.947	ng		
33) 4-Chloroaniline	8.322	127	33271	5.227	ng		95
34) Hexachlorobutadiene	8.392	225	18324	4.911	ng		97
35) Caprolactam	8.651	113	6462	5.104	ng		93
36) 4-Chloro-3-methylphenol	8.798	107	22593	4.609	ng		95
37) 2-Methylnaphthalene	8.975	142	54346	4.921	ng		99
38) 1-Methylnaphthalene	9.075	142	53110	4.963	ng		100
40) 1,2,4,5-Tetrachloroben...	9.134	216	30868	5.282	ng		96
41) Hexachlorocyclopentadiene	9.128	237	12812	5.068	ng		97
43) 2,4,6-Trichlorophenol	9.245	196	13421	3.862	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	18905	4.993	ng		92
46) 1,1'-Biphenyl	9.439	154	74973	5.436	ng		98
47) 2-Chloronaphthalene	9.463	162	54506	4.922	ng		96
48) 2-Nitroaniline	9.557	65	13876	4.533	ng		97
49) Acenaphthylene	9.881	152	83201	4.918	ng		99
50) Dimethylphthalate	9.733	163	65443	5.060	ng		99
51) 2,6-Dinitrotoluene	9.798	165	10437	4.913	ng		93
52) Acenaphthene	10.057	154	50725	4.806	ng		99
53) 3-Nitroaniline	9.969	138	10860	4.830	ng		81
54) 2,4-Dinitrophenol	10.069	184	1828	2.443	ng	#	59
55) Dibenzofuran	10.228	168	76528	5.000	ng		98
56) 4-Nitrophenol	10.110	139	5952	3.518	ng	#	78
57) 2,4-Dinitrotoluene	10.198	165	11575	4.506	ng		91
58) Fluorene	10.575	166	62176	5.115	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	14068	4.387	ng		100
60) Diethylphthalate	10.439	149	62685	5.080	ng		98
61) 4-Chlorophenyl-phenyle...	10.569	204	32431	5.263	ng		89
62) 4-Nitroaniline	10.575	138	10246	4.485	ng		94
63) Azobenzene	10.728	77	63642	4.966	ng		98
65) 4,6-Dinitro-2-methylph...	10.604	198	2916	2.587	ng		82
66) n-Nitrosodiphenylamine	10.680	169	51505	4.916	ng		96
67) 4-Bromophenyl-phenylether	11.063	248	19612	5.027	ng	#	86
68) Hexachlorobenzene	11.122	284	22029	5.204	ng		98
69) Atrazine	11.204	200	18128	5.423	ng		96
70) Pentachlorophenol	11.310	266	7317	3.236	ng		89
71) Phenanthrene	11.545	178	89108	4.956	ng		97
72) Anthracene	11.592	178	89907	5.114	ng		99
73) Carbazole	11.745	167	76506	5.176	ng		97
74) Di-n-butylphthalate	12.080	149	92099	5.161	ng		99
75) Fluoranthene	12.739	202	91996	4.931	ng		97
77) Benzidine	12.863	184	35202	7.293	ng		94
78) Pyrene	12.969	202	94699	4.612	ng		96
80) Butylbenzylphthalate	13.592	149	26020	4.190	ng		98
81) Benzo(a)anthracene	14.163	228	71619	4.760	ng		96
82) 3,3'-Dichlorobenzidine	14.127	252	19393	4.856	ng		96
83) Chrysene	14.198	228	68014	4.727	ng		97
84) Bis(2-ethylhexyl)phtha...	14.151	149	33378	4.617	ng		99
85) Di-n-octyl phthalate	14.780	149	43011	4.191	ng		98
87) Indeno(1,2,3-cd)pyrene	17.292	276	47432	3.901	ng		95
88) Benzo(b)fluoranthene	15.251	252	50974m	4.724	ng		
89) Benzo(k)fluoranthene	15.286	252	52663	4.775	ng		96
90) Benzo(a)pyrene	15.645	252	43002	4.854	ng		99
91) Dibenzo(a,h)anthracene	17.315	278	41278	4.125	ng		100
92) Benzo(g,h,i)perylene	17.768	276	42718	4.222	ng		94

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

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