Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131305.D
Acq On : 18 Nov 2022 19:17
Operator : CG\JU
Sample : N4955-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 01:39:25 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 :
LOD-MDL-WATER-01-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	88916	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	315931	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	183552	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	338746	20.000	ng		0.00
76) Chrysene-d12	14.174	240	228343	20.000	ng		0.00
86) Perylene-d12	15.715	264	168986	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	517558	106.539	ng		0.00
7) Phenol-d6	6.581	99	644329	104.625	ng		0.00
23) Nitrobenzene-d5	7.534	82	467593	79.060	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	187837	114.957	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	934923	72.748	ng		0.00
79) Terphenyl-d14	13.116	244	1051032	68.802	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	19555	8.706	ng		98
3) Pyridine	3.557	79	46306	7.399	ng		99
4) n-Nitrosodimethylamine	3.487	42	28906	7.444	ng	#	93
6) Aniline	6.628	93	70590	9.158	ng		97
8) 2-Chlorophenol	6.751	128	46996	8.740	ng		92
9) Benzaldehyde	6.516	77	43592	9.750	ng		98
10) Phenol	6.593	94	55995	8.215	ng		97
11) bis(2-Chloroethyl)ether	6.698	93	46091	8.401	ng		98
12) 1,3-Dichlorobenzene	6.910	146	53880	8.422	ng		97
13) 1,4-Dichlorobenzene	6.987	146	54488	8.377	ng		94
14) 1,2-Dichlorobenzene	7.140	146	51189	8.455	ng		99
15) Benzyl Alcohol	7.104	79	39436m	7.518	ng		
16) 2,2'-oxybis(1-Chloropr...	7.240	45	88677	8.536	ng		99
17) 2-Methylphenol	7.204	107	37244	7.922	ng		97
18) Hexachloroethane	7.487	117	19286	8.339	ng		88
19) n-Nitroso-di-n-propyla...	7.375	70	36523	8.245	ng		97
20) 3+4-Methylphenols	7.357	107	49942	8.318	ng		93
22) Acetophenone	7.375	105	72764	8.716	ng		98
24) Nitrobenzene	7.551	77	55909	9.339	ng		98
25) Isophorone	7.787	82	98949	8.763	ng		98
26) 2-Nitrophenol	7.869	139	17013	8.973	ng		96
27) 2,4-Dimethylphenol	7.898	122	40917	9.217	ng		96
28) bis(2-Chloroethoxy)met...	7.998	93	59405	9.419	ng		99
29) 2,4-Dichlorophenol	8.104	162	38894	8.181	ng		98
30) 1,2,4-Trichlorobenzene	8.198	180	47931	8.120	ng		92
31) Naphthalene	8.281	128	143420	8.372	ng		100
32) Benzoic acid	7.945	122	12501	4.707	ng		98
33) 4-Chloroaniline	8.322	127	58777	8.832	ng		97
34) Hexachlorobutadiene	8.392	225	32178	8.249	ng		97
35) Caprolactam	8.657	113	11457	8.655	ng		92
36) 4-Chloro-3-methylphenol	8.792	107	42410	8.276	ng		97
37) 2-Methylnaphthalene	8.975	142	99372	8.607	ng		97
38) 1-Methylnaphthalene	9.075	142	93312	8.340	ng		97
40) 1,2,4,5-Tetrachloroben...	9.139	216	51481	8.572	ng		98
41) Hexachlorocyclopentadiene	9.128	237	22230	8.556	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	26339	7.376	ng		97

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ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.281	196	32040	8.235	ng		98
46)	1,1'-Biphenyl	9.439	154	127950	9.027	ng		99
47)	2-Chloronaphthalene	9.463	162	98437	8.650	ng		98
48)	2-Nitroaniline	9.557	65	26114	8.302	ng		93
49)	Acenaphthylene	9.881	152	146754	8.442	ng		99
50)	Dimethylphthalate	9.733	163	115561	8.694	ng		99
51)	2,6-Dinitrotoluene	9.798	165	20010	9.165	ng		98
52)	Acenaphthene	10.057	154	91921	8.475	ng		97
53)	3-Nitroaniline	9.969	138	20485	8.866	ng		86
54)	2,4-Dinitrophenol	10.069	184	3746	4.871	ng	#	69
55)	Dibenzofuran	10.228	168	135505	8.615	ng		97
56)	4-Nitrophenol	10.110	139	12746	7.331	ng	#	84
57)	2,4-Dinitrotoluene	10.198	165	22225	8.419	ng		97
58)	Fluorene	10.575	166	106734	8.545	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.339	232	25932	7.869	ng		99
60)	Diethylphthalate	10.439	149	107508	8.478	ng		99
61)	4-Chlorophenyl-phenyle...	10.569	204	57007	9.003	ng		90
62)	4-Nitroaniline	10.581	138	19151	8.158	ng		94
63)	Azobenzene	10.728	77	110495	8.390	ng		98
65)	4,6-Dinitro-2-methylph...	10.604	198	6536	5.566	ng		85
66)	n-Nitrosodiphenylamine	10.681	169	93576	8.572	ng		99
67)	4-Bromophenyl-phenylether	11.057	248	35152	8.648	ng		95
68)	Hexachlorobenzene	11.122	284	37217	8.439	ng		96
69)	Atrazine	11.204	200	32771	9.410	ng		96
70)	Pentachlorophenol	11.310	266	15271	6.482	ng		96
71)	Phenanthrene	11.539	178	155020	8.276	ng		98
72)	Anthracene	11.592	178	158124	8.632	ng		100
73)	Carbazole	11.745	167	133498	8.670	ng		100
74)	Di-n-butylphthalate	12.080	149	165586	8.906	ng		99
75)	Fluoranthene	12.739	202	163327	8.402	ng		98
77)	Benzidine	12.863	184	69255	13.409	ng		98
78)	Pyrene	12.969	202	166865	7.595	ng		97
80)	Butylbenzylphthalate	13.592	149	51312	7.721	ng		99
81)	Benzo(a)anthracene	14.163	228	126027	7.829	ng		98
82)	3,3'-Dichlorobenzidine	14.127	252	39484	9.239	ng		99
83)	Chrysene	14.198	228	120541	7.829	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.151	149	66588	8.608	ng		99
85)	Di-n-octyl phthalate	14.780	149	84985	7.739	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.286	276	88614	6.914	ng		97
88)	Benzo(b)fluoranthene	15.251	252	95240	8.374	ng		99
89)	Benzo(k)fluoranthene	15.280	252	94294m	8.111	ng		
90)	Benzo(a)pyrene	15.645	252	77255	8.273	ng		98
91)	Dibenzo(a,h)anthracene	17.309	278	76183	7.223	ng		97
92)	Benzo(g,h,i)perylene	17.762	276	77457	7.264	ng		96

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

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