Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140249.D
Acq On : 05 Nov 2024 20:34
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER-8 PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 05 23:47:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 23:41:33 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	210084	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	772429	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	458258	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	806563	20.000	ng		0.00
76) Chrysene-d12	14.057	240	525196	20.000	ng		0.00
86) Perylene-d12	15.557	264	466962	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1256146	99.089	ng		0.00
7) Phenol-d6	6.504	99	1697838	104.125	ng		0.00
23) Nitrobenzene-d5	7.440	82	1203380	77.457	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	537982	118.769	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2151591	74.972	ng		0.00
79) Terphenyl-d14	12.992	244	2375362	74.089	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	42101	7.224	ng		98
3) Pyridine	3.469	79	99114	6.970	ng		97
4) n-Nitrosodimethylamine	3.363	42	58230	7.092	ng	#	95
6) Aniline	6.540	93	143887	9.767	ng		99
8) 2-Chlorophenol	6.663	128	104959	7.913	ng		97
9) Benzaldehyde	6.428	77	93805	9.339	ng		99
10) Phenol	6.516	94	142265	8.215	ng		87
11) bis(2-Chloroethyl)ether	6.610	93	103882	7.896	ng		99
12) 1,3-Dichlorobenzene	6.816	146	115539	7.433	ng		98
13) 1,4-Dichlorobenzene	6.893	146	118376	7.551	ng		98
14) 1,2-Dichlorobenzene	7.045	146	108813	7.432	ng		99
15) Benzyl Alcohol	7.010	79	117955	9.384	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	172315	8.092	ng		99
17) 2-Methylphenol	7.116	107	87191	7.880	ng		97
18) Hexachloroethane	7.387	117	42878	7.343	ng		94
19) n-Nitroso-di-n-propyla...	7.281	70	85267	8.197	ng		98
20) 3+4-Methylphenols	7.269	107	113315	8.154	ng		94
22) Acetophenone	7.281	105	165386	8.636	ng		92
24) Nitrobenzene	7.457	77	127818	7.841	ng		97
25) Isophorone	7.687	82	221280	8.272	ng		100
26) 2-Nitrophenol	7.769	139	52110	8.036	ng		98
27) 2,4-Dimethylphenol	7.798	122	72899	8.263	ng		96
28) bis(2-Chloroethoxy)met...	7.898	93	133198	8.320	ng		99
29) 2,4-Dichlorophenol	8.004	162	90059	8.252	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	103865	7.942	ng		98
31) Naphthalene	8.175	128	325811	8.168	ng		98
32) Benzoic acid	7.863	122	32728m	4.520	ng		
33) 4-Chloroaniline	8.222	127	123113	9.376	ng		98
34) Hexachlorobutadiene	8.292	225	66640	7.528	ng		98
35) Caprolactam	8.563	113	26738	8.054	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	98028	8.067	ng		95
37) 2-Methylnaphthalene	8.863	142	220519	8.471	ng		100
38) 1-Methylnaphthalene	8.963	142	202787	7.948	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	111353	8.300	ng		98
41) Hexachlorocyclopentadiene	9.022	237	32141	8.550	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	65109	7.832	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	65407	7.483	ng	98
46) 1,1'-Biphenyl	9.334	154	284316	8.583	ng	99
47) 2-Chloronaphthalene	9.357	162	198597	7.966	ng	99
48) 2-Nitroaniline	9.451	65	65583	7.866	ng	97
49) Acenaphthylene	9.775	152	323309	9.160	ng	99
50) Dimethylphthalate	9.628	163	233981	8.291	ng	100
51) 2,6-Dinitrotoluene	9.692	165	51500	7.763	ng	97
52) Acenaphthene	9.945	154	199995	7.989	ng	98
53) 3-Nitroaniline	9.857	138	53164	8.511	ng	99
54) 2,4-Dinitrophenol	9.969	184	9307	3.397	ng	90
55) Dibenzofuran	10.116	168	300025	8.570	ng	98
56) 4-Nitrophenol	10.010	139	30299	6.898	ng	99
57) 2,4-Dinitrotoluene	10.092	165	67116	7.796	ng	94
58) Fluorene	10.463	166	233131	8.366	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	57674	8.054	ng	99
60) Diethylphthalate	10.333	149	231315	8.248	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	117068	8.336	ng	98
62) 4-Nitroaniline	10.469	138	49407	7.959	ng	96
63) Azobenzene	10.616	77	243272	8.368	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	22446	5.299	ng	99
66) n-Nitrosodiphenylamine	10.575	169	202063	8.710	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	72538	8.352	ng	98
68) Hexachlorobenzene	11.010	284	79986	8.079	ng	99
69) Atrazine	11.092	200	67873	10.694	ng	99
70) Pentachlorophenol	11.204	266	32218	6.060	ng	95
71) Phenanthrene	11.428	178	338642	8.798	ng	98
72) Anthracene	11.475	178	346243	9.173	ng	99
73) Carbazole	11.633	167	291296	8.446	ng	99
74) Di-n-butylphthalate	11.963	149	344632	8.442	ng	99
75) Fluoranthene	12.616	202	338766	8.417	ng	99
77) Benzidine	12.739	184	101387	9.874	ng	96
78) Pyrene	12.845	202	343367	7.918	ng	98
80) Butylbenzylphthalate	13.469	149	121962	7.811	ng	96
81) Benzo(a)anthracene	14.045	228	282328	8.377	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	84350	7.969	ng	99
83) Chrysene	14.080	228	257769	8.167	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	173319	7.920	ng	99
85) Di-n-octyl phthalate	14.668	149	258046	7.834	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	204919	7.476	ng	99
88) Benzo(b)fluoranthene	15.116	252	224995	7.966	ng	100
89) Benzo(k)fluoranthene	15.145	252	210860	8.136	ng	100
90) Benzo(a)pyrene	15.492	252	189187	8.124	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	166519	7.384	ng	98
92) Benzo(g,h,i)perylene	17.509	276	156234	6.791	ng	99

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

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