Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140248.D
Acq On : 05 Nov 2024 20:07
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER-4 PPM
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 05 23:46:53 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	182401	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	685005	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	412498	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	739734	20.000	ng		0.00
76) Chrysene-d12	14.057	240	462555	20.000	ng		0.00
86) Perylene-d12	15.563	264	407842	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1147421	104.249	ng		0.00
7) Phenol-d6	6.504	99	1465532	103.519	ng		0.00
23) Nitrobenzene-d5	7.434	82	1031090	74.837	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	449315	110.198	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1880356	72.790	ng		0.00
79) Terphenyl-d14	12.992	244	2115426	74.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	19511	3.856	ng		96
3) Pyridine	3.493	79	42340	3.429	ng		97
4) n-Nitrosodimethylamine	3.375	42	24515	3.439	ng	#	88
6) Aniline	6.540	93	60988	4.768	ng		99
8) 2-Chlorophenol	6.663	128	45918	3.987	ng		94
9) Benzaldehyde	6.428	77	41733	4.786	ng		95
10) Phenol	6.516	94	59776	3.976	ng		83
11) bis(2-Chloroethyl)ether	6.610	93	46952	4.111	ng		96
12) 1,3-Dichlorobenzene	6.816	146	53135	3.937	ng		98
13) 1,4-Dichlorobenzene	6.893	146	54078	3.973	ng		95
14) 1,2-Dichlorobenzene	7.045	146	49177	3.868	ng		99
15) Benzyl Alcohol	7.010	79	58655	5.375	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	74547	4.032	ng		99
17) 2-Methylphenol	7.116	107	38134	3.969	ng		96
18) Hexachloroethane	7.387	117	18786	3.705	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	35290	3.907	ng		99
20) 3+4-Methylphenols	7.269	107	49324	4.088	ng		97
22) Acetophenone	7.275	105	70183	4.132	ng		96
24) Nitrobenzene	7.451	77	56659	3.919	ng		99
25) Isophorone	7.687	82	92586	3.903	ng		99
26) 2-Nitrophenol	7.769	139	20935	3.640	ng		95
27) 2,4-Dimethylphenol	7.798	122	31595	4.038	ng		96
28) bis(2-Chloroethoxy)met...	7.898	93	55633	3.919	ng		100
29) 2,4-Dichlorophenol	8.004	162	36260	3.746	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	44367	3.825	ng		99
31) Naphthalene	8.175	128	140134	3.962	ng		99
33) 4-Chloroaniline	8.222	127	49936	4.288	ng		98
34) Hexachlorobutadiene	8.292	225	28424	3.621	ng		99
35) Caprolactam	8.551	113	10280	3.492	ng		94
36) 4-Chloro-3-methylphenol	8.698	107	41162	3.820	ng		98
37) 2-Methylnaphthalene	8.863	142	92729	4.017	ng		98
38) 1-Methylnaphthalene	8.963	142	87522	3.868	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	47337	3.920	ng		99
41) Hexachlorocyclopentadiene	9.022	237	11408	3.371	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	26734	3.573	ng		99
44) 2,4,5-Trichlorophenol	9.181	196	28126	3.575	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.334	154	125361	4.204	ng	97
47) 2-Chloronaphthalene	9.357	162	85996	3.832	ng	97
48) 2-Nitroaniline	9.451	65	26100	3.478	ng	100
49) Acenaphthylene	9.775	152	136560	4.298	ng	98
50) Dimethylphthalate	9.628	163	101560	3.998	ng	99
51) 2,6-Dinitrotoluene	9.686	165	20627	3.454	ng	95
52) Acenaphthene	9.945	154	84369	3.744	ng	100
53) 3-Nitroaniline	9.857	138	21510	3.825	ng	98
55) Dibenzofuran	10.116	168	129025	4.094	ng	97
56) 4-Nitrophenol	10.016	139	9987	2.526	ng	97
57) 2,4-Dinitrotoluene	10.092	165	26481	3.417	ng	96
58) Fluorene	10.463	166	102515	4.087	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	23997m	3.723	ng	
60) Diethylphthalate	10.328	149	99442	3.939	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	49989	3.954	ng	100
62) 4-Nitroaniline	10.469	138	19353	3.464	ng	94
63) Azobenzene	10.616	77	105534	4.033	ng	97
66) n-Nitrosodiphenylamine	10.569	169	85221	4.005	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	30588	3.840	ng	99
68) Hexachlorobenzene	11.010	284	35119	3.868	ng	95
69) Atrazine	11.092	200	29118	5.002	ng	98
70) Pentachlorophenol	11.204	266	10639	2.182	ng	98
71) Phenanthrene	11.428	178	149572	4.237	ng	98
72) Anthracene	11.475	178	148961	4.303	ng	98
73) Carbazole	11.633	167	122589	3.876	ng	99
74) Di-n-butylphthalate	11.963	149	145503	3.886	ng	99
75) Fluoranthene	12.616	202	143742	3.894	ng	98
77) Benzidine	12.739	184	43342	4.792	ng	95
78) Pyrene	12.845	202	148750	3.895	ng	97
80) Butylbenzylphthalate	13.469	149	47257	3.436	ng	95
81) Benzo(a)anthracene	14.045	228	116524	3.925	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	31531	3.382	ng	97
83) Chrysene	14.080	228	108911	3.918	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	70062	3.635	ng	98
85) Di-n-octyl phthalate	14.674	149	96385	3.322	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	78709	3.288	ng	98
88) Benzo(b)fluoranthene	15.121	252	94119	3.815	ng	99
89) Benzo(k)fluoranthene	15.151	252	78856	3.484	ng	99
90) Benzo(a)pyrene	15.498	252	75564	3.715	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	62757	3.186	ng	98
92) Benzo(g,h,i)perylene	17.515	276	61201	3.046	ng	98

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

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