

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140256.D
 Acq On : 06 Nov 2024 14:13
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Nov 06 14:44:51 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 16:47:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	165102	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	629727	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	374146	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	676282	20.000	ng	0.00
76) Chrysene-d12	14.086	240	439207	20.000	ng	0.02
86) Perylene-d12	15.627	264	374154	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1109860	111.402	ng	0.00
7) Phenol-d6	6.504	99	1421711	110.946	ng	0.00
23) Nitrobenzene-d5	7.434	82	1006037	79.429	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	443607	119.951	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1834411	78.290	ng	0.00
79) Terphenyl-d14	12.998	244	2022009	75.416	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	48923	10.681	ng	97
3) Pyridine	3.469	79	109856	9.830	ng	96
4) n-Nitrosodimethylamine	3.369	42	59649	9.244	ng	92
6) Aniline	6.540	93	152710	13.190	ng	99
8) 2-Chlorophenol	6.663	128	114107	10.947	ng	97
9) Benzaldehyde	6.428	77	99889	12.655	ng	97
10) Phenol	6.516	94	145615	10.699	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	110682	10.706	ng	98
12) 1,3-Dichlorobenzene	6.816	146	128207	10.495	ng	99
13) 1,4-Dichlorobenzene	6.893	146	128926	10.465	ng	99
14) 1,2-Dichlorobenzene	7.046	146	122255	10.625	ng	100
15) Benzyl Alcohol	7.010	79	116253	11.768	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	182628	10.913	ng	100
17) 2-Methylphenol	7.116	107	91967	10.576	ng	98
18) Hexachloroethane	7.387	117	46275	10.084	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	86387	10.567	ng	99
20) 3+4-Methylphenols	7.269	107	120938	11.074	ng	92
22) Acetophenone	7.281	105	170588	10.926	ng	92
24) Nitrobenzene	7.451	77	129979	9.780	ng	99
25) Isophorone	7.687	82	225719	10.350	ng	100
26) 2-Nitrophenol	7.769	139	54158	10.244	ng	96
27) 2,4-Dimethylphenol	7.798	122	74057	10.297	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	138013	10.575	ng	99
29) 2,4-Dichlorophenol	8.010	162	92271	10.370	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	107672	10.099	ng	99
31) Naphthalene	8.175	128	339999	10.456	ng	99
32) Benzoic acid	7.881	122	69882	11.840	ng	99
33) 4-Chloroaniline	8.222	127	127597	11.919	ng	97
34) Hexachlorobutadiene	8.292	225	70314	9.743	ng	99
35) Caprolactam	8.563	113	27689	10.230	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	101960	10.292	ng	94
37) 2-Methylnaphthalene	8.869	142	231522	10.909	ng	99
38) 1-Methylnaphthalene	8.963	142	210207	10.105	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	117113	10.692	ng	98
41) Hexachlorocyclopentadiene	9.022	237	34890	11.368	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	68235	10.053	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	72525	10.162	ng	98
46) 1,1'-Biphenyl	9.334	154	296711	10.971	ng	98
47) 2-Chloronaphthalene	9.357	162	208434	10.240	ng	99
48) 2-Nitroaniline	9.451	65	66916	9.830	ng	97
49) Acenaphthylene	9.775	152	333314	11.566	ng	99
50) Dimethylphthalate	9.628	163	244650	10.617	ng	99
51) 2,6-Dinitrotoluene	9.692	165	52012	9.603	ng	99
52) Acenaphthene	9.945	154	205411	10.050	ng	99
53) 3-Nitroaniline	9.863	138	54520	10.690	ng	94
54) 2,4-Dinitrophenol	9.969	184	10820	9.890	ng	# 77
55) Dibenzofuran	10.122	168	314563	11.006	ng	97
56) 4-Nitrophenol	10.016	139	31828	8.876	ng	96
57) 2,4-Dinitrotoluene	10.098	165	70162	9.982	ng	92
58) Fluorene	10.463	166	240911	10.589	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	60121	10.283	ng	97
60) Diethylphthalate	10.334	149	237012	10.351	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	120330	10.494	ng	98
62) 4-Nitroaniline	10.475	138	50244	9.914	ng	95
63) Azobenzene	10.616	77	247008	10.406	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	37114	10.449	ng	98
66) n-Nitrosodiphenylamine	10.575	169	208215	10.705	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	77033	10.578	ng	99
68) Hexachlorobenzene	11.010	284	83923	10.110	ng	99
69) Atrazine	11.098	200	72086	13.546	ng	99
70) Pentachlorophenol	11.210	266	34414	7.721	ng	98
71) Phenanthrene	11.428	178	357994	11.092	ng	98
72) Anthracene	11.481	178	356333	11.259	ng	99
73) Carbazole	11.633	167	306407	10.596	ng	99
74) Di-n-butylphthalate	11.963	149	362910	10.602	ng	99
75) Fluoranthene	12.622	202	362662	10.746	ng	98
77) Benzidine	12.745	184	110521	12.870	ng	98
78) Pyrene	12.851	202	370163	10.207	ng	99
80) Butylbenzylphthalate	13.480	149	127695	9.779	ng	95
81) Benzo(a)anthracene	14.074	228	295947	10.500	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	87396	9.874	ng	100
83) Chrysene	14.110	228	275498	10.437	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	184330	10.072	ng	100
85) Di-n-octyl phthalate	14.733	149	265339	9.632	ng	98
87) Indeno(1,2,3-cd)pyrene	17.139	276	206099	9.384	ng	100
88) Benzo(b)fluoranthene	15.186	252	219752	9.710	ng	99
89) Benzo(k)fluoranthene	15.216	252	229487	11.050	ng	98
90) Benzo(a)pyrene	15.563	252	194396	10.418	ng	99
91) Dibenzo(a,h)anthracene	17.157	278	165952	9.184	ng	98
92) Benzo(g,h,i)perylene	17.592	276	153893	8.349	ng	99

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

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