

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
 Data File : BP024106.D
 Acq On : 20 Feb 2025 13:05
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 20 13:33:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	389228	20.000	ng	-0.03
21) Naphthalene-d8	10.534	136	1537093	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	816694	20.000	ng	-0.02
64) Phenanthrene-d10	17.210	188	1358679	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1269008	20.000	ng	-0.03
86) Perylene-d12	25.033	264	1221785	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2766487	110.905	ng	-0.02
7) Phenol-d6	6.940	99	3640225	113.542	ng	-0.03
23) Nitrobenzene-d5	8.904	82	2588354	93.944	ng	-0.03
42) 2,4,6-Tribromophenol	15.910	330	1002230	100.187	ng	-0.01
45) 2-Fluorobiphenyl	12.998	172	5401385	92.460	ng	-0.03
79) Terphenyl-d14	19.927	244	5796587	90.385	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	102920	10.518	ng	99
3) Pyridine	3.716	79	237612	9.340	ng	98
4) n-Nitrosodimethylamine	3.616	42	86636	9.600	ng	# 98
6) Aniline	7.093	93	350653	11.943	ng	99
8) 2-Chlorophenol	7.334	128	260021	9.848	ng	96
9) Benzaldehyde	6.910	77	228043	15.579	ng	99
10) Phenol	6.963	94	326750	10.135	ng	96
11) bis(2-Chloroethyl)ether	7.187	93	257957	10.159	ng	100
12) 1,3-Dichlorobenzene	7.651	146	288338	9.941	ng	99
13) 1,4-Dichlorobenzene	7.793	146	295383	10.070	ng	99
14) 1,2-Dichlorobenzene	8.110	146	282732	10.043	ng	99
15) Benzyl Alcohol	7.998	79	195922	9.983	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.275	45	274668	11.143	ng	98
17) 2-Methylphenol	8.198	107	187812	9.560	ng	99
18) Hexachloroethane	8.828	117	105344	9.972	ng	96
19) n-Nitroso-di-n-propyla...	8.557	70	173136	10.044	ng	99
20) 3+4-Methylphenols	8.528	107	253831	9.497	ng	96
22) Acetophenone	8.575	105	391786	9.919	ng	# 99
24) Nitrobenzene	8.945	77	283037	10.438	ng	99
25) Isophorone	9.469	82	428271	9.505	ng	99
26) 2-Nitrophenol	9.651	139	102988	8.244	ng	96
27) 2,4-Dimethylphenol	9.716	122	135158	8.242	ng	99
28) bis(2-Chloroethoxy)met...	9.945	93	308242	9.444	ng	99
29) 2,4-Dichlorophenol	10.187	162	193563	8.649	ng	98
30) 1,2,4-Trichlorobenzene	10.398	180	238644	9.307	ng	99
31) Naphthalene	10.587	128	794734	9.616	ng	99
32) Benzoic acid	9.804	122	84306	11.624	ng	97
33) 4-Chloroaniline	10.692	127	284695	9.778	ng	98
34) Hexachlorobutadiene	10.875	225	140483	9.459	ng	99
35) Caprolactam	11.469	113	44629	10.807	ng	93
36) 4-Chloro-3-methylphenol	11.828	107	185874	8.080	ng	96
37) 2-Methylnaphthalene	12.198	142	510248	9.289	ng	100
38) 1-Methylnaphthalene	12.422	142	474252	8.874	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	247045	9.845	ng	99
41) Hexachlorocyclopentadiene	12.551	237	82971	8.886	ng	100
43) 2,4,6-Trichlorophenol	12.816	196	129330	8.451	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
 Data File : BP024106.D
 Acq On : 20 Feb 2025 13:05
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 20 13:33:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.886	196	143242	8.559	ng	97
46) 1,1'-Biphenyl	13.216	154	643326	10.137	ng	99
47) 2-Chloronaphthalene	13.257	162	483545	10.079	ng	99
48) 2-Nitroaniline	13.463	65	97922	8.641	ng	97
49) Acenaphthylene	14.116	152	688154	9.736	ng	99
50) Dimethylphthalate	13.851	163	509751	8.849	ng	99
51) 2,6-Dinitrotoluene	13.957	165	100200	8.539	ng	94
52) Acenaphthene	14.463	154	437233	9.606	ng	99
53) 3-Nitroaniline	14.292	138	103675	8.279	ng	# 95
54) 2,4-Dinitrophenol	14.510	184	33609	11.701	ng	96
55) Dibenzofuran	14.798	168	681961	9.223	ng	99
56) 4-Nitrophenol	14.622	139	70413	6.510	ng	97
57) 2,4-Dinitrotoluene	14.763	165	116209	7.623	ng	90
58) Fluorene	15.469	166	517233	8.957	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.033	232	114715	7.900	ng	99
60) Diethylphthalate	15.233	149	473565	8.281	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	249986	8.795	ng	99
62) 4-Nitroaniline	15.480	138	99923	9.566	ng	95
63) Azobenzene	15.757	77	469667	8.764	ng	96
65) 4,6-Dinitro-2-methylph...	15.545	198	50909	11.112	ng	98
66) n-Nitrosodiphenylamine	15.674	169	411892	9.721	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	140559	9.213	ng	99
68) Hexachlorobenzene	16.492	284	171172	9.535	ng	100
69) Atrazine	16.651	200	117114	10.771	ng	98
70) Pentachlorophenol	16.851	266	72298	6.200	ng	97
71) Phenanthrene	17.245	178	758548	9.903	ng	99
72) Anthracene	17.333	178	682885	9.303	ng	99
73) Carbazole	17.621	167	629063	8.994	ng	100
74) Di-n-butylphthalate	18.216	149	647722	7.937	ng	99
75) Fluoranthene	19.321	202	755002	8.714	ng	99
77) Benzidine	19.533	184	215110	13.911	ng	99
78) Pyrene	19.698	202	811764	10.071	ng	99
80) Butylbenzylphthalate	20.651	149	250152	8.099	ng	97
81) Benzo(a)anthracene	21.615	228	764523	9.608	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	224922	9.046	ng	98
83) Chrysene	21.698	228	742400	9.675	ng	98
84) Bis(2-ethylhexyl)phtha...	21.562	149	370233	7.904	ng	98
85) Di-n-octyl phthalate	22.862	149	494443	6.604	ng	99
87) Indeno(1,2,3-cd)pyrene	28.868	276	864365m	9.944	ng	
88) Benzo(b)fluoranthene	23.945	252	711452	9.170	ng	99
89) Benzo(k)fluoranthene	24.009	252	728173	9.642	ng	98
90) Benzo(a)pyrene	24.862	252	635517	9.652	ng	98
91) Dibenzo(a,h)anthracene	28.944	278	709576	9.709	ng	99
92) Benzo(g,h,i)perylene	30.050	276	668463	9.014	ng	99

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

Quant Time: Feb 20 13:33:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

