

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032125\
 Data File : BP024200.D
 Acq On : 21 Mar 2025 12:41
 Operator : RC/JU
 Sample : Q1546-02
 Misc : MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT1-2025-02

Quant Time: Mar 21 13:21:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 21 12:21:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	279105	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.510	136	1250858	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.386	164	885607	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1971143	20.000	ng/u1	0.02
79) Chrysene-d12	21.674	240	2249867	20.000	ng/u1	0.03
88) Perylene-d12	25.086	264	2391873	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	28590	4.080	ng/uL	-0.02
4) Pyridine-d5	3.658	84	492201	24.420	ng/u1	-0.02
7) Phenol-d5	6.893	99	633994	25.602	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.046	67	394365	28.918	ng/u1	-0.03
11) 2-Chlorophenol-d4	7.257	132	505766	26.606	ng/u1	-0.02
15) 4-Methylphenol-d8	8.422	113	503462	25.749	ng/u1	-0.02
21) Nitrobenzene-d5	8.869	128	268421	26.576	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.587	143	279353	26.492	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.134	165	473381	24.967	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.640	131	782326	26.996	ng/u1	-0.02
46) Dimethylphthalate-d6	13.798	166	1864916	29.060	ng/u1	0.00
49) Acenaphthylene-d8	14.081	160	2001631	26.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	330737	25.174	ng/u1	0.00
60) Fluorene-d10	15.404	176	1563901	28.683	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	294512	23.665	ng/u1	0.01
73) Anthracene-d10	17.298	188	2473863	25.717	ng/u1	0.00
81) Pyrene-d10	19.686	212	3146205	27.912	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.857	264	3532355	28.486	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	9111m	1.233	ng/uL	
5) Pyridine	3.675	79	94537	4.632	ng/u1#	71
6) Benzaldehyde	6.863	77	68447	5.361	ng/u1	96
8) Phenol	6.922	94	123106	4.784	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.146	93	100289	5.122	ng/u1	99
12) 2-Chlorophenol	7.287	128	94743	4.779	ng/u1	99
13) 2-Methylphenol	8.163	108	75949	4.038	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.234	45	112648	5.486	ng/u1	99
16) Acetophenone	8.540	105	159104	5.257	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.522	70	75927	5.349	ng/u1	99
18) 4-Methylphenol	8.493	108	95845	4.599	ng/u1	95
19) Hexachloroethane	8.793	117	38383	4.856	ng/u1	95
22) Nitrobenzene	8.910	77	110989	4.887	ng/u1	97
23) Isophorone	9.434	82	203903	4.793	ng/u1	98
25) 2-Nitrophenol	9.616	139	55906	4.787	ng/u1	95
26) 2,4-Dimethylphenol	9.681	107	48783	2.331	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.916	93	140797	5.202	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	89595	4.627	ng/u1	95
30) Naphthalene	10.557	128	336733	4.972	ng/u1	99
32) 4-Chloroaniline	10.663	127	135373	4.897	ng/u1	100
33) Hexachlorobutadiene	10.851	225	56601	4.773	ng/u1	97
34) Caprolactam	11.457	113	44546m	6.057	ng/u1	
35) 4-Chloro-3-methylphenol	11.816	107	88887	4.412	ng/u1	98
36) 2-Methylnaphthalene	12.187	142	230639	5.047	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	214252	4.744	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.557	216	114992	4.297	ng/ul	99
40) Hexachlorocyclopentadiene	12.540	237	48584	3.493	ng/ul	97
41) 2,4,6-Trichlorophenol	12.810	196	62180	3.693	ng/ul	99
42) 2,4,5-Trichlorophenol	12.887	196	71929	3.925	ng/ul	98
43) 1,1'-Biphenyl	13.204	154	311357	4.623	ng/ul	98
44) 2-Chloronaphthalene	13.239	162	243362	4.659	ng/ul	99
45) 2-Nitroaniline	13.457	65	56307	4.143	ng/ul	96
47) Dimethylphthalate	13.845	163	333410	5.193	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	53620	4.259	ng/ul	92
50) Acenaphthylene	14.110	152	387113	4.800	ng/ul	99
51) 3-Nitroaniline	14.292	138	53038	3.624	ng/ul	91
52) Acenaphthene	14.445	153	277250	4.884	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	36018	4.589	ng/ul	98
55) 4-Nitrophenol	14.622	109	42689	4.687	ng/ul	93
56) Dibenzofuran	14.792	168	395681	5.055	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	88536	4.724	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.039	232	66204	4.393	ng/ul	99
59) Diethylphthalate	15.233	149	323105	5.084	ng/ul	99
61) Fluorene	15.469	166	331632	5.182	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	153311	4.959	ng/ul	96
63) 4-Nitroaniline	15.475	138	54521	3.785	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.545	198	70233	5.171	ng/ul#	90
67) N-Nitrosodiphenylamine	15.669	169	267739	4.455	ng/ul	98
68) 4-Bromophenyl-phenylether	16.375	248	96330	4.435	ng/ul	96
69) Hexachlorobenzene	16.480	284	120905	4.583	ng/ul	99
70) Atrazine	16.651	200	111146	5.108	ng/ul	97
71) Pentachlorophenol	16.845	266	76830	4.640	ng/ul	99
72) Phenanthrene	17.239	178	544810	4.835	ng/ul	100
74) Anthracene	17.333	178	526471	4.637	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	107401	3.618	ng/uL	98
76) Pentachlorobenzene	14.710	250	120461	3.881	ng/uL	98
77) Carbazole	17.616	167	475458	4.612	ng/ul	100
78) Di-n-butylphthalate	18.210	149	555573	4.627	ng/ul	99
80) Fluoranthene	19.339	202	638742	4.861	ng/ul	96
82) Pyrene	19.721	202	716113	5.057	ng/ul	100
83) Butylbenzylphthalate	20.680	149	249742	4.374	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.580	252	169626	3.769	ng/ul	97
85) Benzo(a)anthracene	21.651	228	726741	4.937	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	384761	4.490	ng/ul	99
87) Chrysene	21.721	228	674418	4.878	ng/ul	99
89) Di-n-octyl phthalate	22.910	149	568245	4.070	ng/ul	100
90) Benzo(b)fluoranthene	24.009	252	700923	4.927	ng/ul	99
91) Benzo(k)fluoranthene	24.086	252	712556	4.935	ng/ul	98
93) Benzo(a)pyrene	24.927	252	645294	4.797	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.939	276	766354m	4.308	ng/ul	
95) Dibenzo(a,h)anthracene	29.027	278	629328	4.358	ng/ul	98
96) Benzo(g,h,i)perylene	30.139	276	594673m	4.308	ng/ul	

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

