

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
 Data File : BN033897.D
 Acq On : 13 Sep 2024 15:08
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020319

Quant Time: Sep 13 15:38:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	151928	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.251	136	598256	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.134	164	355433	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	731131	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	746040	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	885498	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	32328	8.683	ng/uL	-0.01
4) Pyridine-d5	3.493	84	223231	20.172	ng/u1	-0.01
7) Phenol-d5	6.681	99	242321	17.971	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.840	67	154553	18.474	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.028	132	205396	19.352	ng/u1	-0.01
15) 4-Methylphenol-d8	8.199	113	192033	17.309	ng/u1	-0.01
21) Nitrobenzene-d5	8.634	128	94234	19.762	ng/u1	0.00
24) 2-Nitrophenol-d4	9.346	143	97537	19.892	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.881	165	180118	19.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.393	131	255165	18.251	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	509696	19.188	ng/u1	0.00
49) Acenaphthylene-d8	13.822	160	593236	19.852	ng/u1	0.00
54) 4-Nitrophenol-d4	14.357	143	98398	18.050	ng/u1	0.00
60) Fluorene-d10	15.139	176	437545	19.436	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.263	200	74720	17.140	ng/u1	0.00
73) Anthracene-d10	16.986	188	685770	19.950	ng/u1	0.00
81) Pyrene-d10	19.298	212	803667	19.334	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	896164	19.702	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	34718	8.840	ng/uL	94
5) Pyridine	3.511	79	225262	19.892	ng/u1	98
6) Benzaldehyde	6.646	77	165361	23.233	ng/u1	99
8) Phenol	6.710	94	254603	18.136	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.934	93	204049	18.701	ng/u1	99
12) 2-Chlorophenol	7.063	128	210348	19.339	ng/u1	99
13) 2-Methylphenol	7.940	108	186904	17.813	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.010	45	299535	18.615	ng/u1	100
16) Acetophenone	8.305	105	310019	17.640	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.293	70	150766	17.323	ng/u1	98
18) 4-Methylphenol	8.263	108	201461	17.252	ng/u1	98
19) Hexachloroethane	8.552	117	90648	19.759	ng/u1	95
22) Nitrobenzene	8.675	77	237948	19.937	ng/u1	99
23) Isophorone	9.199	82	400849	18.213	ng/u1	100
25) 2-Nitrophenol	9.375	139	109540	19.961	ng/u1	99
26) 2,4-Dimethylphenol	9.452	107	215551	19.092	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.687	93	251898	18.601	ng/u1	97
29) 2,4-Dichlorophenol	9.904	162	184238	19.704	ng/u1	97
30) Naphthalene	10.299	128	640806	19.582	ng/u1	100
32) 4-Chloroaniline	10.416	127	250352	18.172	ng/u1	99
33) Hexachlorobutadiene	10.593	225	124305	20.722	ng/u1	98
34) Caprolactam	11.187	113	67690	18.183	ng/u1	89
35) 4-Chloro-3-methylphenol	11.557	107	198235	18.008	ng/u1	98
36) 2-Methylnaphthalene	11.922	142	420068	18.636	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.145	142	426240	18.681	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.298	216	216601	21.109	ng/ul	99
40) Hexachlorocyclopentadiene	12.281	237	124950	19.791	ng/ul	99
41) 2,4,6-Trichlorophenol	12.551	196	136282	20.034	ng/ul	97
42) 2,4,5-Trichlorophenol	12.622	196	146284	19.578	ng/ul	95
43) 1,1'-Biphenyl	12.957	154	533381	19.905	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	416173	19.936	ng/ul	99
45) 2-Nitroaniline	13.210	65	129339	19.174	ng/ul	96
47) Dimethylphthalate	13.604	163	512040	18.914	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	100634	18.878	ng/ul	99
50) Acenaphthylene	13.851	152	644469	19.709	ng/ul	100
51) 3-Nitroaniline	14.045	138	114840	19.494	ng/ul	97
52) Acenaphthene	14.198	153	454795	19.482	ng/ul	99
53) 2,4-Dinitrophenol	14.257	184	49897	15.914	ng/ul	95
55) 4-Nitrophenol	14.375	109	88666	19.152	ng/ul	94
56) Dibenzofuran	14.539	168	620554	19.439	ng/ul	99
57) 2,4-Dinitrotoluene	14.510	165	155645	19.367	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.775	232	121802	19.644	ng/ul	98
59) Diethylphthalate	14.987	149	527056	18.631	ng/ul	99
61) Fluorene	15.192	166	505219	19.346	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.198	204	246935	19.509	ng/ul	99
63) 4-Nitroaniline	15.216	138	120093	19.810	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.281	198	82916	17.129	ng/ul	99
67) N-Nitrosodiphenylamine	15.410	169	429478	19.603	ng/ul	98
68) 4-Bromophenyl-phenylether	16.092	248	148822	20.045	ng/ul	96
69) Hexachlorobenzene	16.198	284	170037	19.732	ng/ul	98
70) Atrazine	16.381	200	155880	19.637	ng/ul	98
71) Pentachlorophenol	16.545	266	115204	20.073	ng/ul	96
72) Phenanthrene	16.933	178	798211	19.800	ng/ul	99
74) Anthracene	17.022	178	812690	19.742	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.916	216	216107	21.238	ng/ul	97
76) Pentachlorobenzene	14.457	250	210241	20.292	ng/ul	98
77) Carbazole	17.298	167	766658	20.235	ng/ul	99
78) Di-n-butylphthalate	17.886	149	928393	19.276	ng/ul	100
80) Fluoranthene	18.963	202	933504	19.210	ng/ul	98
82) Pyrene	19.327	202	1012252	19.377	ng/ul	97
83) Butylbenzylphthalate	20.263	149	439700	18.769	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.051	252	335508	20.021	ng/ul	98
85) Benzo(a)anthracene	21.110	228	1035067	19.459	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.069	149	658421	19.201	ng/ul	99
87) Chrysene	21.169	228	999582	19.695	ng/ul	98
89) Di-n-octyl phthalate	22.127	149	1109111	18.824	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1085005	20.097	ng/ul	97
91) Benzo(k)fluoranthene	23.086	252	1039019	19.509	ng/ul	100
93) Benzo(a)pyrene	23.774	252	1014707	19.896	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.986	276	1295784	20.506	ng/ul	97
95) Dibenzo(a,h)anthracene	27.045	278	1046542	20.489	ng/ul	97
96) Benzo(g,h,i)perylene	27.939	276	993785	20.258	ng/ul	98

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

