

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021924\
 Data File : BN029860.D
 Acq On : 19 Feb 2024 20:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020314

Quant Time: Feb 19 21:51:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	179142	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	727825	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.504	164	392649	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.257	188	797158	20.000	ng/u1	-0.01
79) Chrysene-d12	21.457	240	702148	20.000	ng/u1	-0.01
88) Perylene-d12	23.821	264	797905	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	40894	7.508	ng/uL	0.00
4) Pyridine-d5	3.728	84	258157	17.774	ng/u1	0.00
7) Phenol-d5	7.028	99	323224	19.290	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	207228	18.531	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.393	132	250108	20.598	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	244096	19.533	ng/u1	-0.01
21) Nitrobenzene-d5	9.028	128	118050	20.898	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.746	143	112146	22.795	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.281	165	214462	22.085	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.804	131	312319	18.852	ng/u1	-0.01
46) Dimethylphthalate-d6	13.928	166	588424	20.129	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	710982	20.480	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	102034	18.390	ng/u1	0.00
60) Fluorene-d10	15.498	176	497962	20.023	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.628	200	69694	17.943	ng/u1	0.00
73) Anthracene-d10	17.357	188	753621	20.172	ng/u1	0.00
81) Pyrene-d10	19.657	212	815454	19.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	790996	19.811	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	42214	7.483	ng/uL	97
5) Pyridine	3.746	79	269947	17.965	ng/u1	100
6) Benzaldehyde	7.010	77	187246	24.929	ng/u1	97
8) Phenol	7.058	94	329461	19.185	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	272768	18.889	ng/u1	98
12) 2-Chlorophenol	7.422	128	261199	20.503	ng/u1	99
13) 2-Methylphenol	8.310	108	238912	19.279	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	351861	18.657	ng/u1	98
16) Acetophenone	8.693	105	396123	19.917	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	209561	20.409	ng/u1	96
18) 4-Methylphenol	8.640	108	256641	19.598	ng/u1	100
19) Hexachloroethane	8.928	117	111541	18.867	ng/u1	98
22) Nitrobenzene	9.075	77	323593	20.218	ng/u1	99
23) Isophorone	9.593	82	562121	20.163	ng/u1	99
25) 2-Nitrophenol	9.781	139	128277	22.833	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	277119	20.582	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.087	93	345462	19.498	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	216829	21.609	ng/u1	99
30) Naphthalene	10.710	128	819429	19.697	ng/u1	99
32) 4-Chloroaniline	10.834	127	307674	18.813	ng/u1	99
33) Hexachlorobutadiene	10.987	225	128677	20.779	ng/u1	98
34) Caprolactam	11.610	113	63300	18.958	ng/u1	98
35) 4-Chloro-3-methylphenol	11.957	107	244487	21.095	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	520446	20.408	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	514555	20.352	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	235664	20.248	ng/ul	96
40) Hexachlorocyclopentadiene	12.663	237	120158	15.794	ng/ul	98
41) 2,4,6-Trichlorophenol	12.940	196	152234	22.693	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	161449	21.419	ng/ul	100
43) 1,1'-Biphenyl	13.340	154	653303	19.729	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	515924	20.047	ng/ul	98
45) 2-Nitroaniline	13.592	65	159479	21.077	ng/ul	97
47) Dimethylphthalate	13.975	163	601627	20.105	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	114611	21.404	ng/ul	99
50) Acenaphthylene	14.228	152	831343	19.953	ng/ul	99
51) 3-Nitroaniline	14.428	138	122833	19.710	ng/ul	98
52) Acenaphthene	14.569	153	542122	19.697	ng/ul	95
53) 2,4-Dinitrophenol	14.634	184	44718	16.456	ng/ul	93
55) 4-Nitrophenol	14.734	109	94564	18.639	ng/ul	96
56) Dibenzofuran	14.904	168	726359	19.986	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	165883	22.004	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.134	232	124090	23.196	ng/ul	99
59) Diethylphthalate	15.345	149	618460	20.120	ng/ul	99
61) Fluorene	15.557	166	584031	20.330	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	277870	21.626	ng/ul	96
63) 4-Nitroaniline	15.586	138	125532	22.318	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.645	198	79525	18.571	ng/ul	94
67) N-Nitrosodiphenylamine	15.775	169	485225	19.533	ng/ul	96
68) 4-Bromophenyl-phenylether	16.451	248	159974	21.202	ng/ul	92
69) Hexachlorobenzene	16.551	284	181610	21.355	ng/ul	98
70) Atrazine	16.733	200	150929	19.447	ng/ul	95
71) Pentachlorophenol	16.904	266	104590	21.177	ng/ul	92
72) Phenanthrene	17.298	178	912699	19.793	ng/ul	99
74) Anthracene	17.392	178	922130	19.926	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.298	216	230015	19.663	ng/uL	96
76) Pentachlorobenzene	14.816	250	213019	20.337	ng/uL	99
77) Carbazole	17.669	167	826404	19.551	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1031231	20.288	ng/ul	99
80) Fluoranthene	19.322	202	1012996	19.791	ng/ul	98
82) Pyrene	19.686	202	1035235	19.118	ng/ul	96
83) Butylbenzylphthalate	20.610	149	464324	21.040	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.386	252	254366	18.703	ng/ul	99
85) Benzo(a)anthracene	21.445	228	996599	19.321	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	716222	20.981	ng/ul	99
87) Chrysene	21.498	228	972130	20.111	ng/ul	96
89) Di-n-octyl phthalate	22.316	149	1203255	19.455	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	966591	19.233	ng/ul	98
91) Benzo(k)fluoranthene	23.157	252	1038514	20.189	ng/ul	95
93) Benzo(a)pyrene	23.721	252	943441	19.575	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	26.268	276	1079000	18.385	ng/ul	98
95) Dibenzo(a,h)anthracene	26.298	278	875997	18.283	ng/ul	95
96) Benzo(g,h,i)perylene	27.021	276	874162	17.808	ng/ul	95

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

