

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031368.D
 Acq On : 02 May 2024 05:06
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020396

Quant Time: May 02 05:35:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 02 00:07:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	220930	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	1012890	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	599826	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	1197519	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1075820	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1098713	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	40343	8.501	ng/uL	0.00
4) Pyridine-d5	3.534	84	277871	20.448	ng/u1	0.00
7) Phenol-d5	6.787	99	223618	12.578	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	165160	15.867	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	240565	16.914	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	177240	12.031	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	104162	14.269	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	144849	18.437	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	263197	18.040	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	357123	16.891	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	541652	13.697	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	714178	15.565	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	130426	18.174	ng/u1	0.00
60) Fluorene-d10	15.257	176	596643	17.668	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	98052	15.922	ng/u1	0.00
73) Anthracene-d10	17.110	188	890317	18.015	ng/u1	0.00
81) Pyrene-d10	19.416	212	1021952	15.598	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	829389	16.305	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	43799	8.480	ng/uL	92
5) Pyridine	3.558	79	276454	20.251	ng/u1	97
6) Benzaldehyde	6.763	77	138107	15.472	ng/u1	99
8) Phenol	6.816	94	231286	12.800	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.046	93	233831	15.986	ng/u1	98
12) 2-Chlorophenol	7.175	128	248479	16.803	ng/u1	96
13) 2-Methylphenol	8.058	108	185273	13.203	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	289346	14.991	ng/u1	98
16) Acetophenone	8.434	105	350586	16.005	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	162949	14.169	ng/u1	99
18) 4-Methylphenol	8.381	108	194109	12.638	ng/u1	95
19) Hexachloroethane	8.669	117	106960	17.876	ng/u1	98
22) Nitrobenzene	8.810	77	219826	12.834	ng/u1	98
23) Isophorone	9.328	82	546949	16.363	ng/u1	99
25) 2-Nitrophenol	9.510	139	157217	18.343	ng/u1	99
26) 2,4-Dimethylphenol	9.575	107	279207	17.330	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.816	93	355775	16.922	ng/u1	100
29) 2,4-Dichlorophenol	10.040	162	255793	17.759	ng/u1	98
30) Naphthalene	10.440	128	903733	18.156	ng/u1	99
32) 4-Chloroaniline	10.557	127	347529	17.168	ng/u1	99
33) Hexachlorobutadiene	10.716	225	163076	19.154	ng/u1	98
34) Caprolactam	11.340	113	52043	10.115	ng/u1	96
35) 4-Chloro-3-methylphenol	11.687	107	220916	13.354	ng/u1	96
36) 2-Methylnaphthalene	12.057	142	353119	10.232	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	365944	10.483	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.428	216	195048	12.599	ng/ul	95
40) Hexachlorocyclopentadiene	12.404	237	97307	11.229	ng/ul	97
41) 2,4,6-Trichlorophenol	12.681	196	126781	11.912	ng/ul	97
42) 2,4,5-Trichlorophenol	12.751	196	135127	11.641	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	500935	12.296	ng/ul	96
44) 2-Chloronaphthalene	13.128	162	398509	12.386	ng/ul	96
45) 2-Nitroaniline	13.345	65	111986	12.288	ng/ul	99
47) Dimethylphthalate	13.722	163	594951	14.684	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	120113	15.192	ng/ul	93
50) Acenaphthylene	13.981	152	867396	16.612	ng/ul	99
51) 3-Nitroaniline	14.181	138	153223	17.995	ng/ul	99
52) Acenaphthene	14.322	153	613332	17.707	ng/ul	99
53) 2,4-Dinitrophenol	14.387	184	63184	13.985	ng/ul	88
55) 4-Nitrophenol	14.493	109	106322	18.504	ng/ul	96
56) Dibenzofuran	14.663	168	841889	17.899	ng/ul	97
57) 2,4-Dinitrotoluene	14.640	165	201838	17.407	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.892	232	164750	16.981	ng/ul	92
59) Diethylphthalate	15.098	149	712139	17.439	ng/ul	99
61) Fluorene	15.316	166	672826	17.942	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	315529	17.443	ng/ul	97
63) 4-Nitroaniline	15.345	138	149469	19.171	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.404	198	113002	17.118	ng/ul	96
67) N-Nitrosodiphenylamine	15.528	169	572707	18.000	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	198937	17.757	ng/ul	98
69) Hexachlorobenzene	16.310	284	231683	17.933	ng/ul	97
70) Atrazine	16.486	200	196034	18.968	ng/ul	95
71) Pentachlorophenol	16.663	266	142668	18.239	ng/ul	95
72) Phenanthrene	17.051	178	1049753	17.713	ng/ul	99
74) Anthracene	17.145	178	1080973	18.239	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	195624	12.897	ng/ul	91
76) Pentachlorobenzene	14.575	250	270790	18.204	ng/ul	99
77) Carbazole	17.422	167	986411	19.056	ng/ul	99
78) Di-n-butylphthalate	17.986	149	907725	13.532	ng/ul	99
80) Fluoranthene	19.080	202	1158858	14.754	ng/ul	98
82) Pyrene	19.445	202	1283598	16.020	ng/ul	100
83) Butylbenzylphthalate	20.357	149	555849	16.605	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.169	252	382887	19.891	ng/ul	98
85) Benzo(a)anthracene	21.233	228	1283395	18.279	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.163	149	790906	17.957	ng/ul	99
87) Chrysene	21.292	228	1164043	17.695	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	1390003	17.075	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1275931	19.163	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	1244755	19.009	ng/ul	98
93) Benzo(a)pyrene	23.998	252	1093476	18.361	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.368	276	1463472	21.688	ng/ul	98
95) Dibenzo(a,h)anthracene	27.427	278	1241390	22.147	ng/ul	98
96) Benzo(g,h,i)perylene	28.380	276	1198247	22.015	ng/ul	99

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

