

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031976.D
 Acq On : 13 Jun 2024 14:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020288

Quant Time: Jun 13 14:50:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	341156	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1323867	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	747494	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1424201	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1278806	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1462027	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	61519	7.460	ng/uL	0.00
4) Pyridine-d5	3.581	84	414848	17.871	ng/u1	0.00
7) Phenol-d5	6.834	99	516616	17.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	300251	17.551	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	420824	18.858	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	398978	16.735	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	202497	20.005	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	214648	20.528	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	372440	19.079	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	508324	17.539	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	975140	18.726	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	1170951	19.556	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	173367	16.627	ng/u1	0.00
60) Fluorene-d10	15.298	176	828050	18.793	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	117792	16.454	ng/u1	0.00
73) Anthracene-d10	17.151	188	1185025	19.435	ng/u1	0.00
81) Pyrene-d10	19.451	212	1305329	19.075	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1361803	19.507	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	65094	7.378	ng/uL	97
5) Pyridine	3.605	79	408499	17.600	ng/u1	95
6) Benzaldehyde	6.811	77	260069	18.959	ng/u1	97
8) Phenol	6.864	94	529264	17.782	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.093	93	440038	17.879	ng/u1	98
12) 2-Chlorophenol	7.222	128	438526	18.778	ng/u1	100
13) 2-Methylphenol	8.105	108	396708	17.256	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	496084	17.510	ng/u1	99
16) Acetophenone	8.481	105	620268	17.168	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.463	70	298795	15.959	ng/u1	98
18) 4-Methylphenol	8.434	108	414365	16.628	ng/u1	99
19) Hexachloroethane	8.722	117	180927	18.296	ng/u1	96
22) Nitrobenzene	8.858	77	466351	19.337	ng/u1	96
23) Isophorone	9.381	82	831758	16.813	ng/u1	99
25) 2-Nitrophenol	9.563	139	228979	20.044	ng/u1	97
26) 2,4-Dimethylphenol	9.628	107	421592	18.971	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.863	93	540065	17.516	ng/u1	100
29) 2,4-Dichlorophenol	10.093	162	366239	19.001	ng/u1	99
30) Naphthalene	10.493	128	1315777	19.204	ng/u1	99
32) 4-Chloroaniline	10.610	127	498929	17.731	ng/u1	99
33) Hexachlorobutadiene	10.763	225	243439	21.029	ng/u1	96
34) Caprolactam	11.387	113	108300	14.395	ng/u1	97
35) 4-Chloro-3-methylphenol	11.740	107	379493	16.844	ng/u1	96
36) 2-Methylnaphthalene	12.110	142	857319	18.306	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	850354	18.096	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	421238	21.308	ng/ul	97
40) Hexachlorocyclopentadiene	12.451	237	173916	15.264	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	275722	20.549	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	294852	20.222	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	1058608	20.134	ng/ul	95
44) 2-Chloronaphthalene	13.175	162	836796	20.320	ng/ul	99
45) 2-Nitroaniline	13.387	65	223520	18.725	ng/ul	96
47) Dimethylphthalate	13.769	163	997512	18.730	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	199567	18.852	ng/ul	99
50) Acenaphthylene	14.022	152	1324770	19.577	ng/ul	100
51) 3-Nitroaniline	14.222	138	211534	18.689	ng/ul	94
52) Acenaphthene	14.369	153	877280	19.593	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	72357	13.539	ng/ul	99
55) 4-Nitrophenol	14.540	109	133783	17.297	ng/ul	94
56) Dibenzofuran	14.704	168	1166591	19.177	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	276283	17.787	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.934	232	228050	18.698	ng/ul	95
59) Diethylphthalate	15.134	149	973583	17.716	ng/ul	100
61) Fluorene	15.357	166	927503	18.933	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.351	204	464725	19.586	ng/ul	97
63) 4-Nitroaniline	15.387	138	223952	20.785	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.445	198	131957	17.340	ng/ul#	94
67) N-Nitrosodiphenylamine	15.569	169	795333	20.260	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	283358	20.534	ng/ul	99
69) Hexachlorobenzene	16.351	284	316306	20.224	ng/ul	97
70) Atrazine	16.528	200	216065	17.432	ng/ul	99
71) Pentachlorophenol	16.704	266	182431	18.232	ng/ul	96
72) Phenanthrene	17.098	178	1407366	19.398	ng/ul	97
74) Anthracene	17.187	178	1446652	19.679	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	419289	22.873	ng/uL	95
76) Pentachlorobenzene	14.616	250	374155	20.955	ng/uL	96
77) Carbazole	17.463	167	1283902	20.482	ng/ul	99
78) Di-n-butylphthalate	18.022	149	1658972	19.237	ng/ul	100
80) Fluoranthene	19.116	202	1573255	19.237	ng/ul	100
82) Pyrene	19.481	202	1636474	19.503	ng/ul	98
83) Butylbenzylphthalate	20.392	149	738866	18.643	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.204	252	457125	18.641	ng/ul	96
85) Benzo(a)anthracene	21.275	228	1623349	18.965	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.198	149	1079031	18.678	ng/ul	100
87) Chrysene	21.333	228	1511133	18.900	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1854788	18.950	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1635124	18.711	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1638686	19.110	ng/ul	97
93) Benzo(a)pyrene	24.086	252	1568944	19.169	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.515	276	1936307	20.530	ng/ul	98
95) Dibenzo(a,h)anthracene	27.568	278	1598272	20.756	ng/ul	98
96) Benzo(g,h,i)perylene	28.545	276	1577221	21.037	ng/ul	98

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

