

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030892.D
 Acq On : 13 Apr 2024 23:19
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020358

Quant Time: Apr 14 22:12:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 14 22:12:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	159440	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	708695	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	470678	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1043318	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1169814	20.000	ng/u1	0.00
88) Perylene-d12	24.216	264	1327677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	27842	8.187	ng/uL	0.00
4) Pyridine-d5	3.581	84	211274	20.721	ng/u1	0.00
7) Phenol-d5	6.834	99	267838	20.766	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	159548	20.028	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	211198	21.585	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	219098	20.269	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	107186	21.803	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	107988	24.011	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	215396	21.877	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	334804	20.655	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	674299	21.457	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	795618	22.020	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	137461	22.868	ng/u1	0.00
60) Fluorene-d10	15.304	176	601767	21.883	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	87479	18.996	ng/u1	0.00
73) Anthracene-d10	17.157	188	980299	21.807	ng/u1	0.00
81) Pyrene-d10	19.457	212	1233127	19.606	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1327972	21.707	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	29475	8.091	ng/uL	96
5) Pyridine	3.599	79	215292	20.926	ng/u1	94
6) Benzaldehyde	6.816	77	155205	25.840	ng/u1	99
8) Phenol	6.864	94	281626	20.960	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.099	93	228275	20.834	ng/u1	97
12) 2-Chlorophenol	7.228	128	225583	21.492	ng/u1	96
13) 2-Methylphenol	8.105	108	214376	20.705	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.187	45	299839	19.434	ng/u1	98
16) Acetophenone	8.487	105	353008	20.683	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	170791	19.869	ng/u1	96
18) 4-Methylphenol	8.434	108	236225	20.380	ng/u1	100
19) Hexachloroethane	8.734	117	91212	20.727	ng/u1	99
22) Nitrobenzene	8.863	77	257315	21.441	ng/u1	99
23) Isophorone	9.381	82	487433	20.366	ng/u1	100
25) 2-Nitrophenol	9.569	139	124333	23.523	ng/u1	97
26) 2,4-Dimethylphenol	9.628	107	252449	21.489	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	313171	20.580	ng/u1	100
29) 2,4-Dichlorophenol	10.093	162	219826	21.874	ng/u1	96
30) Naphthalene	10.493	128	778632	21.422	ng/u1	100
32) 4-Chloroaniline	10.610	127	328942	21.057	ng/u1	99
33) Hexachlorobutadiene	10.775	225	131230	20.745	ng/u1	98
34) Caprolactam	11.387	113	73367	19.542	ng/u1	96
35) 4-Chloro-3-methylphenol	11.740	107	241384	21.325	ng/u1	100
36) 2-Methylnaphthalene	12.116	142	537321	21.168	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	538826	20.911	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	267833	22.050	ng/ul	94
40) Hexachlorocyclopentadiene	12.463	237	120106	17.411	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	171819	22.636	ng/ul	97
42) 2,4,5-Trichlorophenol	12.799	196	193013	22.516	ng/ul	97
43) 1,1'-Biphenyl	13.140	154	707365	22.049	ng/ul	100
44) 2-Chloronaphthalene	13.181	162	555101	21.980	ng/ul	97
45) 2-Nitroaniline	13.393	65	150028	22.323	ng/ul	97
47) Dimethylphthalate	13.769	163	692652	21.337	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	132883	22.079	ng/ul	96
50) Acenaphthylene	14.028	152	930349	22.285	ng/ul	100
51) 3-Nitroaniline	14.222	138	152303	23.841	ng/ul	98
52) Acenaphthene	14.375	153	612133	22.003	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	45204	16.352	ng/ul	91
55) 4-Nitrophenol	14.534	109	108908	22.869	ng/ul	96
56) Dibenzofuran	14.710	168	842937	21.797	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	201778	22.963	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.934	232	164300	23.078	ng/ul	96
59) Diethylphthalate	15.140	149	701993	21.287	ng/ul	99
61) Fluorene	15.357	166	690126	22.451	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.363	204	327962	21.747	ng/ul	97
63) 4-Nitroaniline	15.387	138	173061	27.865	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.440	198	96736	19.550	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	600634	21.139	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	202644	20.454	ng/ul	94
69) Hexachlorobenzene	16.357	284	243235	20.850	ng/ul	98
70) Atrazine	16.534	200	202913	20.604	ng/ul	97
71) Pentachlorophenol	16.704	266	145284	21.122	ng/ul	95
72) Phenanthrene	17.098	178	1189487	22.191	ng/ul	98
74) Anthracene	17.192	178	1211736	22.362	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.099	216	269377	21.016	ng/uL	100
76) Pentachlorobenzene	14.622	250	271990	20.892	ng/uL	95
77) Carbazole	17.463	167	1131241	23.805	ng/ul	100
78) Di-n-butylphthalate	18.034	149	1251768	21.592	ng/ul	100
80) Fluoranthene	19.122	202	1458163	19.503	ng/ul	99
82) Pyrene	19.486	202	1564721	19.817	ng/ul	99
83) Butylbenzylphthalate	20.398	149	624343	20.705	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.210	252	502687	23.386	ng/ul	97
85) Benzo(a)anthracene	21.275	228	1662651	21.297	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.204	149	916702	20.615	ng/ul	97
87) Chrysene	21.339	228	1588406	21.555	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	1568029	18.650	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1696614	21.714	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	1691859	21.321	ng/ul	99
93) Benzo(a)pyrene	24.080	252	1571153	21.286	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.486	276	1709285	21.423	ng/ul	99
95) Dibenzo(a,h)anthracene	27.551	278	1478934	22.018	ng/ul	98
96) Benzo(g,h,i)perylene	28.515	276	1373600	21.929	ng/ul	98

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

