

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
 Data File : BN031054.D
 Acq On : 20 Apr 2024 01:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020368

Quant Time: Apr 20 01:52:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	108835	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	516305	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	360185	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	806784	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	920968	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1221963	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	18977	8.146	ng/uL	0.00
4) Pyridine-d5	3.552	84	149900	22.344	ng/u1	0.00
7) Phenol-d5	6.810	99	196461	21.399	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	118901	22.260	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	156026	21.827	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	165068	21.379	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	80788	21.778	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	83734	21.715	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	164192	21.592	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	256704	21.602	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	536744	21.415	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	622869	21.930	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	111862	21.383	ng/u1	0.00
60) Fluorene-d10	15.280	176	475029	21.771	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	82775	20.336	ng/u1	0.00
73) Anthracene-d10	17.133	188	770149	22.024	ng/u1	0.00
81) Pyrene-d10	19.433	212	964989	21.323	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1234948	21.312	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	19513	7.904	ng/uL	96
5) Pyridine	3.575	79	146538	21.646	ng/u1	98
6) Benzaldehyde	6.787	77	115416	25.602	ng/u1	98
8) Phenol	6.834	94	206771	21.845	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	163533	21.897	ng/u1	97
12) 2-Chlorophenol	7.198	128	165805	22.314	ng/u1	98
13) 2-Methylphenol	8.081	108	156332	21.312	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	215604	22.142	ng/u1	99
16) Acetophenone	8.457	105	266128	22.246	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	130252	21.844	ng/u1	98
18) 4-Methylphenol	8.404	108	174456	21.232	ng/u1	96
19) Hexachloroethane	8.704	117	67857	22.008	ng/u1	97
22) Nitrobenzene	8.834	77	192440	21.980	ng/u1	99
23) Isophorone	9.351	82	382255	21.394	ng/u1	99
25) 2-Nitrophenol	9.540	139	93895	22.009	ng/u1	94
26) 2,4-Dimethylphenol	9.598	107	184497	21.205	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.839	93	234890	21.643	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	165280	21.761	ng/u1	98
30) Naphthalene	10.469	128	583101	21.792	ng/u1	99
32) 4-Chloroaniline	10.587	127	250469	21.692	ng/u1	96
33) Hexachlorobutadiene	10.745	225	99926	21.582	ng/u1	97
34) Caprolactam	11.357	113	60006	20.052	ng/u1	96
35) 4-Chloro-3-methylphenol	11.710	107	189116	21.476	ng/u1	99
36) 2-Methylnaphthalene	12.086	142	408276	21.637	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	414112	21.689	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.457	216	203331	21.574	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	106274	20.527	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	137431	21.907	ng/ul	92
42) 2,4,5-Trichlorophenol	12.775	196	152651	21.947	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	536620	21.662	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	430377	21.742	ng/ul	98
45) 2-Nitroaniline	13.369	65	117668	21.533	ng/ul	98
47) Dimethylphthalate	13.745	163	547091	21.158	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	106804	22.004	ng/ul	97
50) Acenaphthylene	14.004	152	721620	21.750	ng/ul	99
51) 3-Nitroaniline	14.198	138	122363	21.959	ng/ul	93
52) Acenaphthene	14.345	153	478525	21.757	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	49353	17.980	ng/ul	98
55) 4-Nitrophenol	14.510	109	89667	21.120	ng/ul	96
56) Dibenzofuran	14.686	168	658849	21.666	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	163006	22.102	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	134204	22.326	ng/ul	97
59) Diethylphthalate	15.116	149	584303	21.973	ng/ul	99
61) Fluorene	15.333	166	544323	21.751	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.333	204	260797	21.880	ng/ul	100
63) 4-Nitroaniline	15.363	138	134354	22.363	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.416	198	90603	20.730	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	474172	21.927	ng/ul	98
68) 4-Bromophenyl-phenylether	16.227	248	162281	21.269	ng/ul	99
69) Hexachlorobenzene	16.333	284	191904	21.817	ng/ul	98
70) Atrazine	16.504	200	170385	22.443	ng/ul	96
71) Pentachlorophenol	16.680	266	118437	20.725	ng/ul	98
72) Phenanthrene	17.074	178	927308	21.731	ng/ul	99
74) Anthracene	17.169	178	948162	21.956	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	208391	22.021	ng/uL	96
76) Pentachlorobenzene	14.598	250	210759	21.567	ng/uL	97
77) Carbazole	17.439	167	892336	22.621	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1073495	22.327	ng/ul	100
80) Fluoranthene	19.098	202	1138448	21.255	ng/ul	99
82) Pyrene	19.463	202	1238380	22.005	ng/ul	98
83) Butylbenzylphthalate	20.374	149	529273	21.314	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	435408	22.689	ng/ul	95
85) Benzo(a)anthracene	21.251	228	1351602	21.612	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	810988	21.751	ng/ul	100
87) Chrysene	21.309	228	1272731	21.439	ng/ul	96
89) Di-n-octyl phthalate	22.280	149	1491247	21.172	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1471702	21.405	ng/ul	98
91) Benzo(k)fluoranthene	23.315	252	1539728	22.266	ng/ul	97
93) Benzo(a)pyrene	24.033	252	1463840	21.342	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.421	276	1837085	21.584	ng/ul	100
95) Dibenzo(a,h)anthracene	27.480	278	1515493	21.693	ng/ul	95
96) Benzo(g,h,i)perylene	28.444	276	1461959	21.330	ng/ul	99

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

