

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
 Data File : BN020231.D
 Acq On : 17 Jun 2022 09:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020327

Quant Time: Jun 17 22:55:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 22:53:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	97618	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	464709	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	300721	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	641875	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	698799	20.000	ng/u1	0.00
88) Perylene-d12	23.663	264	775578	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17806	7.900	ng/uL	0.00
4) Pyridine-d5	3.664	84	117275	19.038	ng/u1	0.00
7) Phenol-d5	6.981	99	153946	19.058	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	97091	19.238	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	129736	19.767	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	133915	19.162	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	64347	18.201	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	69538	18.533	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	126090	19.250	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	199066	18.767	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	406096	18.559	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	488103	19.235	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	73372	16.734	ng/u1	0.00
60) Fluorene-d10	15.410	176	353895	19.545	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	64772	17.421	ng/u1	0.00
73) Anthracene-d10	17.257	188	552911	19.738	ng/u1	0.00
81) Pyrene-d10	19.557	212	670034	17.687	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	737473	19.434	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	17867	7.509	ng/uL	93
5) Pyridine	3.681	79	122481	18.966	ng/u1	88
6) Benzaldehyde	6.928	77	84338	22.159	ng/u1	91
8) Phenol	7.011	94	167076	19.424	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.211	93	132284	19.650	ng/u1	98
12) 2-Chlorophenol	7.364	128	133549	19.467	ng/u1	98
13) 2-Methylphenol	8.246	108	127079	19.218	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	210504	19.940	ng/u1	98
16) Acetophenone	8.605	105	213353	20.075	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	103045	18.980	ng/u1	95
18) 4-Methylphenol	8.575	108	142977	19.591	ng/u1	97
19) Hexachloroethane	8.864	117	52242	18.925	ng/u1	87
22) Nitrobenzene	8.981	77	153950	18.781	ng/u1	98
23) Isophorone	9.505	82	286295	17.689	ng/u1	98
25) 2-Nitrophenol	9.693	139	79891	19.269	ng/u1	99
26) 2,4-Dimethylphenol	9.769	107	164480	19.149	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.993	93	186377	18.817	ng/u1	98
29) 2,4-Dichlorophenol	10.246	162	130855	19.313	ng/u1	98
30) Naphthalene	10.628	128	460238	19.109	ng/u1	99
32) 4-Chloroaniline	10.734	127	199251	18.780	ng/u1	97
33) Hexachlorobutadiene	10.922	225	73934	19.006	ng/u1	95
34) Caprolactam	11.481	113	42765	16.163	ng/u1	98
35) 4-Chloro-3-methylphenol	11.887	107	155209	19.400	ng/u1	96
36) 2-Methylnaphthalene	12.240	142	317546	19.502	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	318711	19.181	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.610	216	147995	19.296	ng/ul	96
40) Hexachlorocyclopentadiene	12.599	237	65180	13.970	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	99290	18.775	ng/ul	94
42) 2,4,5-Trichlorophenol	12.952	196	110691	18.899	ng/ul	99
43) 1,1'-Biphenyl	13.252	154	429017	19.266	ng/ul	98
44) 2-Chloronaphthalene	13.293	162	326363	19.320	ng/ul	97
45) 2-Nitroaniline	13.499	65	94183	17.921	ng/ul	95
47) Dimethylphthalate	13.875	163	407926	18.519	ng/ul	98
48) 2,6-Dinitrotoluene	13.993	165	78361	18.195	ng/ul	98
50) Acenaphthylene	14.140	152	543739	19.354	ng/ul	99
51) 3-Nitroaniline	14.322	138	82993	18.228	ng/ul	97
52) Acenaphthene	14.481	153	351481	19.153	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	41803	15.160	ng/ul	94
55) 4-Nitrophenol	14.675	109	62834	16.788	ng/ul	98
56) Dibenzofuran	14.816	168	496724	19.213	ng/ul	98
57) 2,4-Dinitrotoluene	14.781	165	121665	19.079	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.051	232	87700	19.075	ng/ul	90
59) Diethylphthalate	15.246	149	426556	18.809	ng/ul	96
61) Fluorene	15.463	166	407591	20.260	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.463	204	185324	20.003	ng/ul	96
63) 4-Nitroaniline	15.481	138	84204	19.792	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.546	198	67541	17.917	ng/ul	93
67) N-Nitrosodiphenylamine	15.675	169	355264	19.306	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	107897	19.303	ng/ul	93
69) Hexachlorobenzene	16.475	284	121379	18.890	ng/ul#	93
70) Atrazine	16.628	200	122886	19.140	ng/ul	95
71) Pentachlorophenol	16.822	266	66467	16.608	ng/ul	95
72) Phenanthrene	17.198	178	671422	19.821	ng/ul	100
74) Anthracene	17.292	178	679738	19.956	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	154932	18.025	ng/uL	97
76) Pentachlorobenzene	14.740	250	147310	19.391	ng/uL	89
77) Carbazole	17.563	167	640031	20.655	ng/ul	97
78) Di-n-butylphthalate	18.134	149	720468	18.750	ng/ul	99
80) Fluoranthene	19.222	202	800818	17.503	ng/ul	98
82) Pyrene	19.586	202	838826	17.870	ng/ul	98
83) Butylbenzylphthalate	20.492	149	363695	17.216	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.269	252	287834	21.566	ng/ul#	94
85) Benzo(a)anthracene	21.333	228	844148	19.130	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.275	149	552064	18.522	ng/ul	98
87) Chrysene	21.386	228	866768	20.078	ng/ul	98
89) Di-n-octyl phthalate	22.175	149	1009278	15.989	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	932344	19.154	ng/ul#	96
91) Benzo(k)fluoranthene	23.010	252	895260	19.321	ng/ul	96
93) Benzo(a)pyrene	23.563	252	915588	19.432	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.033	276	977064	20.155	ng/ul	94
95) Dibenzo(a,h)anthracene	26.051	278	831684	20.086	ng/ul	97
96) Benzo(g,h,i)perylene	26.768	276	827119	20.204	ng/ul	96

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

