

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
 Data File : BN015049.D
 Acq On : 24 Jun 2021 20:52
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020402

Quant Time: Jun 25 02:18:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	164729	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	661487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	387531	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	747922	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	722556	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	722621	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	34253	8.091	ng/uL	0.00
4) Pyridine-d5	3.675	84	223666	19.597	ng/u1	0.00
7) Phenol-d5	6.892	99	282157	19.735	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	165931	19.762	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	224461	20.705	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	218389	19.791	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	102217	22.590	ng/u1	0.00
24) 2-Nitrophenol-d4	9.586	143	100379	24.904	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	207481	21.809	ng/u1	0.00
31) 4-Chloroaniline-d4	10.633	131	296130	20.085	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	567518	21.327	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	726713	21.037	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	102110	21.999	ng/u1	0.00
60) Fluorene-d10	15.351	176	479834	20.726	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	65455	21.190	ng/u1	0.00
73) Anthracene-d10	17.198	188	732393	21.395	ng/u1	0.00
81) Pyrene-d10	19.498	212	737919	19.484	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.403	264	783483	21.963	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	34547	7.918	ng/uL	92
5) Pyridine	3.693	79	233588	19.671	ng/u1	100
6) Benzaldehyde	6.875	77	171364	25.771	ng/u1	98
8) Phenol	6.922	94	290592	20.048	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.157	93	232252	20.284	ng/u1	99
12) 2-Chlorophenol	7.292	128	227716	20.759	ng/u1	96
13) 2-Methylphenol	8.157	108	214419	19.812	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.251	45	293579	19.683	ng/u1	99
16) Acetophenone	8.539	105	334133	19.990	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.528	70	163960	20.025	ng/u1	99
18) 4-Methylphenol	8.487	108	231902	19.980	ng/u1	99
19) Hexachloroethane	8.798	117	91122	20.323	ng/u1	99
22) Nitrobenzene	8.910	77	243135	22.008	ng/u1	98
23) Isophorone	9.434	82	446341	20.545	ng/u1	99
25) 2-Nitrophenol	9.616	139	110764	24.790	ng/u1	98
26) 2,4-Dimethylphenol	9.681	107	246762	21.303	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.916	93	290507	20.958	ng/u1	99
29) 2,4-Dichlorophenol	10.145	162	200154	21.600	ng/u1	97
30) Naphthalene	10.551	128	698757	20.701	ng/u1	99
32) 4-Chloroaniline	10.657	127	291878	20.142	ng/u1	98
33) Hexachlorobutadiene	10.839	225	121801	21.175	ng/u1	99
34) Caprolactam	11.398	113	62425	19.726	ng/u1	97
35) 4-Chloro-3-methylphenol	11.780	107	212427	20.950	ng/u1	98
36) 2-Methylnaphthalene	12.163	142	483895	20.708	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	484112	20.675	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.533	216	235696	21.789	ng/ul	94
40) Hexachlorocyclopentadiene	12.522	237	120004	20.328	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	146238	23.121	ng/ul	98
42) 2,4,5-Trichlorophenol	12.839	196	157331	22.389	ng/ul	90
43) 1,1'-Biphenyl	13.186	154	598805	21.412	ng/ul	100
44) 2-Chloronaphthalene	13.222	162	462375	21.227	ng/ul	99
45) 2-Nitroaniline	13.422	65	121771	24.028	ng/ul	99
47) Dimethylphthalate	13.810	163	545945	21.197	ng/ul	99
48) 2,6-Dinitrotoluene	13.927	165	104066	24.015	ng/ul	94
50) Acenaphthylene	14.074	152	685712	21.036	ng/ul	98
51) 3-Nitroaniline	14.251	138	119393	24.368	ng/ul	94
52) Acenaphthene	14.416	153	490029	21.369	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	41175	20.692	ng/ul	98
55) 4-Nitrophenol	14.557	109	76105	22.484	ng/ul	94
56) Dibenzofuran	14.751	168	678424	21.063	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	149259	24.700	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.974	232	119583	23.216	ng/ul	98
59) Diethylphthalate	15.180	149	538709	20.952	ng/ul	99
61) Fluorene	15.404	166	549236	21.541	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	261237	21.562	ng/ul	99
63) 4-Nitroaniline	15.416	138	122843	26.943	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.474	198	66313	21.242	ng/ul	97
67) N-Nitrosodiphenylamine	15.616	169	468716	21.606	ng/ul	96
68) 4-Bromophenyl-phenylether	16.298	248	154135	21.409	ng/ul	96
69) Hexachlorobenzene	16.404	284	178993	22.185	ng/ul	98
70) Atrazine	16.568	200	155299	20.573	ng/ul	99
71) Pentachlorophenol	16.751	266	90157	21.359	ng/ul	96
72) Phenanthrene	17.139	178	855921	21.682	ng/ul	99
74) Anthracene	17.233	178	861532	21.259	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.145	216	230225	21.736	ng/uL	98
76) Pentachlorobenzene	14.674	250	222493	21.939	ng/uL	99
77) Carbazole	17.498	167	783011	21.437	ng/ul	99
78) Di-n-butylphthalate	18.080	149	898504	21.610	ng/ul	99
80) Fluoranthene	19.162	202	925295	20.240	ng/ul	98
82) Pyrene	19.527	202	961685	20.182	ng/ul	97
83) Butylbenzylphthalate	20.439	149	378733	22.299	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.215	252	302287	20.315	ng/ul	95
85) Benzo(a)anthracene	21.280	228	924421	20.685	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.227	149	596794	21.941	ng/ul	100
87) Chrysene	21.333	228	876520	19.917	ng/ul	95
89) Di-n-octyl phthalate	22.109	149	1019451	22.559	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	933084	21.443	ng/ul	95
91) Benzo(k)fluoranthene	22.915	252	937236	21.281	ng/ul	98
93) Benzo(a)pyrene	23.450	252	868808	21.966	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.803	276	1054951	21.985	ng/ul	97
95) Dibenzo(a,h)anthracene	25.821	278	890081	22.379	ng/ul	98
96) Benzo(g,h,i)perylene	26.491	276	881385	21.249	ng/ul	96

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

