

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
 Data File : BN015069.D
 Acq On : 25 Jun 2021 09:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020404

Quant Time: Jun 25 10:27:58 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	200485	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	828955	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	499209	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	997732	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	980410	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	989478	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	40314	7.824	ng/uL	0.00
4) Pyridine-d5	3.675	84	267988	19.292	ng/u1	0.00
7) Phenol-d5	6.893	99	342510	19.684	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	198543	19.429	ng/u1	0.00
11) 2-Chlorophenol-d4	7.264	132	267558	20.278	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	261948	19.505	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	122121	21.536	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	109501	21.679	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	246341	20.663	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	360671	19.521	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	690197	20.134	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	893338	20.075	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	125916	21.059	ng/u1	0.00
60) Fluorene-d10	15.345	176	605692	20.310	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	74721	18.133	ng/u1	0.00
73) Anthracene-d10	17.198	188	908465	19.894	ng/u1	0.00
81) Pyrene-d10	19.498	212	1005943	19.575	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	984734	20.159	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	41069	7.734	ng/uL	92
5) Pyridine	3.693	79	276237	19.114	ng/u1	99
6) Benzaldehyde	6.875	77	205517	25.395	ng/u1	97
8) Phenol	6.922	94	345917	19.609	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.158	93	271261	19.465	ng/u1	100
12) 2-Chlorophenol	7.293	128	270318	20.247	ng/u1	99
13) 2-Methylphenol	8.158	108	251309	19.080	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.252	45	352072	19.395	ng/u1	98
16) Acetophenone	8.534	105	400014	19.663	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.528	70	195524	19.622	ng/u1	99
18) 4-Methylphenol	8.487	108	275653	19.514	ng/u1	98
19) Hexachloroethane	8.799	117	110265	20.206	ng/u1	97
22) Nitrobenzene	8.910	77	292929	21.159	ng/u1	99
23) Isophorone	9.434	82	537025	19.725	ng/u1	99
25) 2-Nitrophenol	9.616	139	126855	22.656	ng/u1	98
26) 2,4-Dimethylphenol	9.681	107	297484	20.493	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.916	93	351720	20.248	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	238407	20.530	ng/u1	96
30) Naphthalene	10.546	128	838326	19.819	ng/u1	99
32) 4-Chloroaniline	10.657	127	355789	19.592	ng/u1	100
33) Hexachlorobutadiene	10.840	225	145283	20.155	ng/u1	94
34) Caprolactam	11.399	113	75805	19.114	ng/u1	99
35) 4-Chloro-3-methylphenol	11.781	107	264488	20.815	ng/u1	98
36) 2-Methylnaphthalene	12.163	142	579719	19.797	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	578052	19.700	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.534	216	283161	20.321	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	128691	16.922	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	172153	21.129	ng/ul	97
42) 2,4,5-Trichlorophenol	12.840	196	189835	20.971	ng/ul	92
43) 1,1'-Biphenyl	13.181	154	734197	20.381	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	563201	20.071	ng/ul	98
45) 2-Nitroaniline	13.422	65	152359	23.338	ng/ul	99
47) Dimethylphthalate	13.810	163	682209	20.562	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	128454	23.011	ng/ul	97
50) Acenaphthylene	14.069	152	851104	20.269	ng/ul	98
51) 3-Nitroaniline	14.251	138	147607	23.387	ng/ul	91
52) Acenaphthene	14.416	153	583648	19.757	ng/ul	97
53) 2,4-Dinitrophenol	14.457	184	45652	17.810	ng/ul	99
55) 4-Nitrophenol	14.557	109	94859	21.756	ng/ul	97
56) Dibenzofuran	14.751	168	826412	19.917	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	184656	23.722	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.975	232	148134	22.325	ng/ul	99
59) Diethylphthalate	15.181	149	678420	20.483	ng/ul	99
61) Fluorene	15.404	166	677623	20.631	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	314859	20.175	ng/ul	98
63) 4-Nitroaniline	15.416	138	151165	25.738	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.475	198	76130	18.281	ng/ul	100
67) N-Nitrosodiphenylamine	15.610	169	580526	20.060	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	191179	19.905	ng/ul	96
69) Hexachlorobenzene	16.404	284	221716	20.599	ng/ul	99
70) Atrazine	16.569	200	196025	19.467	ng/ul	98
71) Pentachlorophenol	16.745	266	112262	19.937	ng/ul	96
72) Phenanthrene	17.139	178	1065827	20.240	ng/ul	99
74) Anthracene	17.234	178	1087385	20.114	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	282236	19.975	ng/ul	98
76) Pentachlorobenzene	14.675	250	265716	19.640	ng/ul	96
77) Carbazole	17.498	167	979091	20.094	ng/ul	96
78) Di-n-butylphthalate	18.075	149	1125323	20.288	ng/ul	99
80) Fluoranthene	19.163	202	1195671	19.275	ng/ul	99
82) Pyrene	19.528	202	1249974	19.333	ng/ul	98
83) Butylbenzylphthalate	20.439	149	468478	20.328	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	381957	18.918	ng/ul	95
85) Benzo(a)anthracene	21.280	228	1181239	19.480	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.227	149	711820	19.287	ng/ul	98
87) Chrysene	21.333	228	1170875	19.608	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	1231743	19.905	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	1226743	20.588	ng/ul	97
91) Benzo(k)fluoranthene	22.916	252	1218276	20.202	ng/ul	97
93) Benzo(a)pyrene	23.445	252	1114974	20.587	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.810	276	1350705	20.557	ng/ul	99
95) Dibenzo(a,h)anthracene	25.815	278	1117729	20.524	ng/ul	99
96) Benzo(g,h,i)perylene	26.492	276	1122323	19.760	ng/ul	100

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

