

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012035.D
 Acq On : 02 Oct 2020 12:43
 Operator : CG/JU
 Sample : SST02054
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST02054

Quant Time: Oct 02 13:48:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 13:24:58 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	284608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.433	136	1140922	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	713907	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1471155	20.00	ng/ul	0.00
78) Chrysene-d12	21.245	240	1358194	20.00	ng/ul	0.00
86) Perylene-d12	23.450	264	1393053	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	53007	8.94	ng/uL	0.00
5) Phenol-d5	6.834	99	491458	24.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.998	67	307252	29.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.192	132	409970	22.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.363	113	398907	24.41	ng/ul	0.00
19) Nitrobenzene-d5	8.810	128	191008	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.528	143	203157	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.057	165	393783	20.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	364537	16.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.716	166	1163531	20.93	ng/ul	0.00
47) Acenaphthylene-d8	13.992	160	1401193	20.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.498	143	204166	21.68	ng/ul	0.00
58) Fluorene-d10	15.298	176	1016126	20.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.416	200	182385	18.69	ng/ul	0.00
71) Anthracene-d10	17.145	188	1504533	21.41	ng/ul	0.00
79) Pyrene-d10	19.445	212	1573900	22.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.315	264	1570087	20.29	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	65204	8.53	ng/uL	100
4) Benzaldehyde	6.810	77	153975	11.73	ng/ul	100
6) Phenol	6.857	94	515838	25.14	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.092	93	422078	25.95	ng/ul	100
10) 2-Chlorophenol	7.228	128	422522	22.70	ng/ul	100
11) 2-Methylphenol	8.098	108	389516	24.11	ng/ul	100
12) 2,2'-oxybis(1-Chloropr...	8.187	45	549224	62.13	ng/ul	100
14) Acetophenone	8.475	105	641170	24.27	ng/ul	100
15) N-Nitroso-di-n-propyla...	8.463	70	323871	28.29	ng/ul	100
16) 4-Methylphenol	8.422	108	425460	24.87	ng/ul	100
17) Hexachloroethane	8.728	117	188393	21.89	ng/ul	100
20) Nitrobenzene	8.851	77	525766	24.33	ng/ul	100
21) Isophorone	9.375	82	889573	23.39	ng/ul	100
23) 2-Nitrophenol	9.557	139	231646	20.89	ng/ul	100
24) 2,4-Dimethylphenol	9.622	107	498057	23.76	ng/ul	100
25) Bis(2-Chloroethoxy)met...	9.857	93	565019	25.05	ng/ul	100
27) 2,4-Dichlorophenol	10.081	162	401308	21.03	ng/ul	100
28) Naphthalene	10.486	128	1344223	21.11	ng/ul	100
30) 4-Chloroaniline	10.598	127	372940	16.59	ng/ul	100
31) Hexachlorobutadiene	10.775	225	256973	16.53	ng/ul	100
32) Caprolactam	11.363	113	106074	21.76	ng/ul	100
33) 4-Chloro-3-methylphenol	11.722	107	439349	24.24	ng/ul	100
34) 2-Methylnaphthalene	12.104	142	923573	21.16	ng/ul	100
35) 1-Methylnaphthalene	12.322	142	925035	21.62	ng/uL	100
37) 1,2,4,5-Tetrachloroben...	12.475	216	469591	18.79	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.457	237	321306	18.77	ng/ul	100
39) 2,4,6-Trichlorophenol	12.722	196	300236	20.53	ng/ul	100
40) 2,4,5-Trichlorophenol	12.786	196	325789	20.52	ng/ul	100
41) 1,1'-Biphenyl	13.127	154	1216603	21.23	ng/ul	100
42) 2-Chloronaphthalene	13.169	162	976620	21.07	ng/ul	100
43) 2-Nitroaniline	13.374	65	288745	31.67	ng/ul	100
45) Dimethylphthalate	13.763	163	1182526	20.72	ng/ul	100
46) 2,6-Dinitrotoluene	13.874	165	237313	21.24	ng/ul	100
48) Acenaphthylene	14.016	152	1448297	20.90	ng/ul	100
49) 3-Nitroaniline	14.204	138	172463	16.87	ng/ul	100
50) Acenaphthene	14.363	153	1039406	21.43	ng/ul	100
51) 2,4-Dinitrophenol	14.410	184	129414	19.39	ng/ul	100
53) 4-Nitrophenol	14.510	109	199336	22.21	ng/ul	100
54) Dibenzofuran	14.698	168	1423671	20.24	ng/ul	100
55) 2,4-Dinitrotoluene	14.663	165	343568	21.38	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.927	232	270667	20.41	ng/ul	100
57) Diethylphthalate	15.133	149	1225084	21.58	ng/ul	100
59) Fluorene	15.351	166	1190927	21.01	ng/ul	100
60) 4-Chlorophenyl-phenyle...	15.351	204	576654	19.49	ng/ul	100
61) 4-Nitroaniline	15.368	138	190884	18.23	ng/ul	100
64) 4,6-Dinitro-2-methylph...	15.427	198	202609	19.16	ng/ul	100
65) N-Nitrosodiphenylamine	15.563	169	983936	22.36	ng/ul	100
66) 4-Bromophenyl-phenylether	16.245	248	346157	20.68	ng/ul	100
67) Hexachlorobenzene	16.351	284	401700	21.57	ng/ul	100
68) Atrazine	16.515	200	340026	19.84	ng/ul	100
69) Pentachlorophenol	16.698	266	233103	21.83	ng/ul	100
70) Phenanthrene	17.086	178	1841064	21.10	ng/ul	100
72) Anthracene	17.180	178	1867503	21.13	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.092	216	440578	18.86	ng/uL	100
74) Pentachlorobenzene	14.621	250	457092	20.42	ng/uL	100
75) Carbazole	17.451	167	1643610	22.11	ng/ul	100
76) Di-n-butylphthalate	18.021	149	2099453	24.85	ng/ul	100
77) Fluoranthene	19.109	202	2099676	19.66	ng/ul	100
80) Pyrene	19.474	202	2192208	22.94	ng/ul	100
81) Butylbenzylphthalate	20.386	149	881328	27.33	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.168	252	556069	20.53	ng/ul	100
83) Benzo(a)anthracene	21.227	228	1957702	21.67	ng/ul	100
84) Bis(2-ethylhexyl)phtha...	21.174	149	1360560	27.98	ng/ul	100
85) Chrysene	21.280	228	1935722	21.57	ng/ul	100
87) Di-n-octyl phthalate	22.045	149	2176611	23.90	ng/ul	100
88) Benzo(b)fluoranthene	22.792	252	1987149	20.40	ng/ul	100
89) Benzo(k)fluoranthene	22.839	252	1941178	20.07	ng/ul	100
91) Benzo(a)pyrene	23.356	252	1766012	19.68	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.656	276	2191186	19.05	ng/ul	100
93) Dibenzo(a,h)anthracene	25.674	278	1797746	18.67	ng/ul	100
94) Benzo(g,h,i)perylene	26.333	276	1811756	19.00	ng/ul	100

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

