

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
 Data File : BN012093.D
 Acq On : 07 Oct 2020 12:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02064

Manual Integrations
 APPROVED

mohammad
 10/8/2020 12:30:18 PM

Quant Time: Oct 07 13:27:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 07 13:26:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	306863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.422	136	1250822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.292	164	773043	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.039	188	1598653	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	1606191	20.00	ng/ul	0.00
86) Perylene-d12	23.457	264	1702920	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	60918	8.64	ng/uL	0.00
5) Phenol-d5	6.816	99	515510	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.981	67	308267	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.181	132	414919	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.346	113	414685	20.57	ng/ul	0.00
19) Nitrobenzene-d5	8.793	128	195420	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.510	143	227330	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.046	165	405707	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.557	131	512118	21.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.704	166	1142459	18.84	ng/ul	0.00
47) Acenaphthylene-d8	13.981	160	1401145	19.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.492	143	214984	19.25	ng/ul	0.00
58) Fluorene-d10	15.286	176	975118	18.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	205623	20.15	ng/ul	0.00
71) Anthracene-d10	17.139	188	1480549	19.10	ng/ul	0.00
79) Pyrene-d10	19.445	212	1624921	19.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.321	264	1722848	18.03	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	65040	7.35	ng/uL	97
4) Benzaldehyde	6.793	77	334948	22.72	ng/ul	98
6) Phenol	6.846	94	551714	20.71	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.075	93	427668	19.76	ng/ul	95
10) 2-Chlorophenol	7.210	128	435660	20.34	ng/ul	99
11) 2-Methylphenol	8.087	108	406301	20.53	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.169	45	566386	20.29	ng/ul	97
14) Acetophenone	8.463	105	666535	20.74	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.446	70	346056	21.46	ng/ul	96
16) 4-Methylphenol	8.410	108	440271	20.75	ng/ul	96
17) Hexachloroethane	8.710	117	187986	19.29	ng/ul	97
20) Nitrobenzene	8.834	77	505550	18.42	ng/ul	99
21) Isophorone	9.363	82	908314	19.74	ng/ul	98
23) 2-Nitrophenol	9.540	139	247686	20.85	ng/ul	96
24) 2,4-Dimethylphenol	9.604	107	504098	19.55	ng/ul	93
25) Bis(2-Chloroethoxy)met...	9.840	93	565409	19.58	ng/ul	96
27) 2,4-Dichlorophenol	10.069	162	415079	19.90	ng/ul	92
28) Naphthalene	10.469	128	1378273	19.25	ng/ul	100
30) 4-Chloroaniline	10.581	127	530151	21.68	ng/ul	98
31) Hexachlorobutadiene	10.757	225	253625	17.96	ng/ul	96
32) Caprolactam	11.357	113	122117m	21.23	ng/ul	
33) 4-Chloro-3-methylphenol	11.710	107	460867	20.33	ng/ul	99
34) 2-Methylnaphthalene	12.087	142	966662	19.65	ng/ul	88
35) 1-Methylnaphthalene	12.310	142	889506	18.30	ng/uL	98
37) 1,2,4,5-Tetrachloroben...	12.463	216	470210	18.78	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.445	237	330798	18.68	ng/ul	93
39) 2,4,6-Trichlorophenol	12.710	196	318773	20.30	ng/ul	93
40) 2,4,5-Trichlorophenol	12.781	196	341236	20.15	ng/ul	96
41) 1,1'-Biphenyl	13.116	154	1224414	19.12	ng/ul	99
42) 2-Chloronaphthalene	13.157	162	947455	18.58	ng/ul	95
43) 2-Nitroaniline	13.363	65	297693	20.37	ng/ul	92
45) Dimethylphthalate	13.751	163	1188864	19.03	ng/ul	97
46) 2,6-Dinitrotoluene	13.869	165	248218	20.35	ng/ul	91
48) Acenaphthylene	14.010	152	1464498	19.26	ng/ul	98
49) 3-Nitroaniline	14.198	138	243296	21.86	ng/ul	86
50) Acenaphthene	14.357	153	1045609	19.13	ng/ul	97
51) 2,4-Dinitrophenol	14.404	184	132245	17.79	ng/ul	93
53) 4-Nitrophenol	14.510	109	189524	18.22	ng/ul	91
54) Dibenzofuran	14.692	168	1413537	18.96	ng/ul	93
55) 2,4-Dinitrotoluene	14.657	165	359760	20.32	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.922	232	283869	20.08	ng/ul	96
57) Diethylphthalate	15.128	149	1220384	18.98	ng/ul	99
59) Fluorene	15.339	166	1186015	18.97	ng/ul	93
60) 4-Chlorophenyl-phenyle...	15.345	204	553552	18.14	ng/ul	95
61) 4-Nitroaniline	15.363	138	254117	21.13	ng/ul#	81
64) 4,6-Dinitro-2-methylph...	15.422	198	212523	19.15	ng/ul	97
65) N-Nitrosodiphenylamine	15.557	169	1023769	20.08	ng/ul	99
66) 4-Bromophenyl-phenylether	16.239	248	340484	18.62	ng/ul	97
67) Hexachlorobenzene	16.345	284	400881	18.79	ng/ul	93
68) Atrazine	16.516	200	364313	19.53	ng/ul	98
69) Pentachlorophenol	16.692	266	257960	20.39	ng/ul	96
70) Phenanthrene	17.080	178	1859826	19.10	ng/ul	98
72) Anthracene	17.175	178	1904316	19.36	ng/ul	97
73) 1,2,3,4-Tetrachloroben...	13.081	216	459896	19.79	ng/uL	97
74) Pentachlorobenzene	14.610	250	458734	19.24	ng/uL	95
75) Carbazole	17.445	167	1717505	20.11	ng/ul	97
76) Di-n-butylphthalate	18.016	149	2217759	20.45	ng/ul	100
77) Fluoranthene	19.110	202	2153319	19.68	ng/ul	99
80) Pyrene	19.474	202	2144365	18.51	ng/ul	99
81) Butylbenzylphthalate	20.392	149	1001122	21.02	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.168	252	765789	20.49	ng/ul	95
83) Benzo(a)anthracene	21.233	228	2011850	18.59	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.174	149	1569175	21.47	ng/ul	97
85) Chrysene	21.286	228	1920810	18.06	ng/ul	98
87) Di-n-octyl phthalate	22.045	149	2610504	20.64	ng/ul	100
88) Benzo(b)fluoranthene	22.798	252	2103330	17.63	ng/ul	97
89) Benzo(k)fluoranthene	22.845	252	2035183	17.32	ng/ul	99
91) Benzo(a)pyrene	23.362	252	1853310	17.13	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.674	276	2445527	17.70	ng/ul	97
93) Dibenzo(a,h)anthracene	25.680	278	2047768	17.99	ng/ul	99
94) Benzo(g,h,i)perylene	26.351	276	2083225	17.70	ng/ul	98

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

