

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012034.D
 Acq On : 02 Oct 2020 12:07
 Operator : CG/JU
 Sample : SSTD01053
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD01053

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:29:37 AM

Quant Time: Oct 02 13:26:14 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	7.663	152	291673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.434	136	1118568	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	702722	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1421923	20.00	ng/ul	0.00
78) Chrysene-d12	21.245	240	1492734	20.00	ng/ul	0.00
86) Perylene-d12	23.451	264	1535598	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	27727	4.56	ng/uL	0.00
5) Phenol-d5	6.834	99	234652	11.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.999	67	147548	14.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.193	132	192125	10.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.357	113	181700	10.85	ng/ul	0.00
19) Nitrobenzene-d5	8.810	128	85017	9.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	90867	9.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.057	165	180931	9.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.575	131	231499	10.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	523831	9.57	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	617673	9.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.492	143	85879	9.26	ng/ul	0.00
58) Fluorene-d10	15.292	176	473498	9.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	80664	8.55	ng/ul	0.00
71) Anthracene-d10	17.145	188	684548	10.08	ng/ul	0.00
79) Pyrene-d10	19.445	212	762951	9.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.315	264	838118	9.83	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	31771	4.06	ng/uL	96
4) Benzaldehyde	6.810	77	165604m	12.31	ng/ul	
6) Phenol	6.858	94	245316	11.67	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.093	93	202113	12.13	ng/ul	98
10) 2-Chlorophenol	7.228	128	202087	10.59	ng/ul	98
11) 2-Methylphenol	8.099	108	177763	10.74	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.193	45	262736	29.00	ng/ul	99
14) Acetophenone	8.475	105	307274	11.35	ng/ul	97
15) N-Nitroso-di-n-propyla...	8.463	70	150038	12.79	ng/ul	97
16) 4-Methylphenol	8.422	108	195678	11.16	ng/ul	93
17) Hexachloroethane	8.728	117	92105	10.44	ng/ul	92
20) Nitrobenzene	8.852	77	244899	11.56	ng/ul	96
21) Isophorone	9.375	82	405079	10.86	ng/ul	99
23) 2-Nitrophenol	9.557	139	104853	9.64	ng/ul	97
24) 2,4-Dimethylphenol	9.616	107	227598	11.07	ng/ul	98
25) Bis(2-Chloroethoxy)met...	9.857	93	254111	11.49	ng/ul	99
27) 2,4-Dichlorophenol	10.081	162	181809	9.72	ng/ul	98
28) Naphthalene	10.487	128	649764	10.41	ng/ul	98
30) 4-Chloroaniline	10.593	127	232466	10.55	ng/ul	96
31) Hexachlorobutadiene	10.775	225	128795	8.45	ng/ul	96
32) Caprolactam	11.369	113	42349	8.86	ng/ul	96
33) 4-Chloro-3-methylphenol	11.722	107	196070	11.04	ng/ul	98
34) 2-Methylnaphthalene	12.104	142	441842	10.33	ng/ul	94
35) 1-Methylnaphthalene	12.322	142	432301	10.31	ng/uL	98
37) 1,2,4,5-Tetrachloroben...	12.475	216	219810	8.94	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.457	237	143810	8.53	ng/ul	91
39) 2,4,6-Trichlorophenol	12.716	196	133892	9.30	ng/ul	88
40) 2,4,5-Trichlorophenol	12.787	196	145154	9.29	ng/ul	98
41) 1,1'-Biphenyl	13.128	154	555971	9.86	ng/ul	99
42) 2-Chloronaphthalene	13.163	162	454347	9.96	ng/ul	96
43) 2-Nitroaniline	13.369	65	119650	13.33	ng/ul	96
45) Dimethylphthalate	13.757	163	550834	9.81	ng/ul	99
46) 2,6-Dinitrotoluene	13.875	165	101649	9.24	ng/ul	98
48) Acenaphthylene	14.016	152	663234	9.72	ng/ul	99
49) 3-Nitroaniline	14.204	138	93357	9.28	ng/ul#	95
50) Acenaphthene	14.363	153	476566	9.98	ng/ul	99
51) 2,4-Dinitrophenol	14.410	184	50921	7.75	ng/ul	91
53) 4-Nitrophenol	14.504	109	87307	9.88	ng/ul	96
54) Dibenzofuran	14.698	168	658015	9.50	ng/ul	95
55) 2,4-Dinitrotoluene	14.663	165	146327	9.25	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.928	232	118977	9.12	ng/ul	96
57) Diethylphthalate	15.128	149	571529	10.23	ng/ul	95
59) Fluorene	15.345	166	548413	9.83	ng/ul	95
60) 4-Chlorophenyl-phenyle...	15.351	204	267563	9.19	ng/ul	97
61) 4-Nitroaniline	15.369	138	98181	9.53	ng/ul	97
64) 4,6-Dinitro-2-methylph...	15.428	198	90046	8.81	ng/ul#	99
65) N-Nitrosodiphenylamine	15.563	169	451297	10.61	ng/ul	95
66) 4-Bromophenyl-phenylether	16.245	248	161499	9.98	ng/ul	96
67) Hexachlorobenzene	16.351	284	190257	10.57	ng/ul	95
68) Atrazine	16.516	200	159118	9.61	ng/ul	97
69) Pentachlorophenol	16.692	266	99027	9.60	ng/ul	99
70) Phenanthrene	17.086	178	861824	10.22	ng/ul	98
72) Anthracene	17.175	178	881677	10.32	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.087	216	209180	9.26	ng/uL	96
74) Pentachlorobenzene	14.616	250	211885	9.79	ng/uL	100
75) Carbazole	17.445	167	747697	10.41	ng/ul	99
76) Di-n-butylphthalate	18.022	149	928213	11.37	ng/ul	99
77) Fluoranthene	19.110	202	986914	9.56	ng/ul	98
80) Pyrene	19.475	202	1033963	9.84	ng/ul	97
81) Butylbenzylphthalate	20.386	149	408100	11.52	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.169	252	323748	10.88	ng/ul	92
83) Benzo(a)anthracene	21.227	228	990956	9.98	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.169	149	640704	11.99	ng/ul	99
85) Chrysene	21.280	228	1001943	10.16	ng/ul	97
87) Di-n-octyl phthalate	22.045	149	1039489	10.35	ng/ul	100
88) Benzo(b)fluoranthene	22.792	252	1097022	10.22	ng/ul	99
89) Benzo(k)fluoranthene	22.833	252	1045665	9.81	ng/ul	99
91) Benzo(a)pyrene	23.357	252	994558	10.05	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.657	276	1237490	9.76	ng/ul	100
93) Dibenzo(a,h)anthracene	25.668	278	1029179	9.70	ng/ul	98
94) Benzo(g,h,i)perylene	26.333	276	1057664	10.06	ng/ul	96

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

