

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012036.D
 Acq On : 02 Oct 2020 13:19
 Operator : CG/JU
 Sample : SSTD04055
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD04055

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:29:40 AM

Quant Time: Oct 02 14:11:40 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	310715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.440	136	1192109	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	724044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1538975	20.00	ng/ul	0.00
78) Chrysene-d12	21.245	240	1555275	20.00	ng/ul	0.00
86) Perylene-d12	23.457	264	1616971	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	112052	17.31	ng/uL	0.00
5) Phenol-d5	6.834	99	998625	45.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.005	67	614492	54.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.199	132	822337	41.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.363	113	796221	44.63	ng/ul	0.00
19) Nitrobenzene-d5	8.810	128	382311	41.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.528	143	424445	40.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.057	165	789426	40.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.575	131	979909	41.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.716	166	2254314	39.99	ng/ul	0.00
47) Acenaphthylene-d8	13.992	160	2747399	40.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.504	143	428398	44.85	ng/ul	0.00
58) Fluorene-d10	15.298	176	1942388	39.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.416	200	381339	37.36	ng/ul	0.00
71) Anthracene-d10	17.145	188	2903982	39.50	ng/ul	0.00
79) Pyrene-d10	19.445	212	3225265	40.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.315	264	3766189	41.94	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	134994	16.18	ng/uL	96
4) Benzaldehyde	6.810	77	686049	47.87	ng/ul	95
6) Phenol	6.863	94	1041389	46.49	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.093	93	851141	47.94	ng/ul	99
10) 2-Chlorophenol	7.228	128	838808	41.28	ng/ul	100
11) 2-Methylphenol	8.099	108	769662	43.63	ng/ul	95
12) 2,2'-oxybis(1-Chloropr...	8.193	45	1071673	111.04	ng/ul	98
14) Acetophenone	8.475	105	1222178	42.37	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.469	70	639446	51.17	ng/ul	99
16) 4-Methylphenol	8.428	108	819847	43.90	ng/ul	93
17) Hexachloroethane	8.728	117	385592	41.04	ng/ul	97
20) Nitrobenzene	8.851	77	1015191	44.96	ng/ul	99
21) Isophorone	9.375	82	1763545	44.38	ng/ul	98
23) 2-Nitrophenol	9.557	139	460440	39.73	ng/ul	99
24) 2,4-Dimethylphenol	9.622	107	949704	43.35	ng/ul	96
25) Bis(2-Chloroethoxy)met...	9.857	93	1062422	45.08	ng/ul	100
27) 2,4-Dichlorophenol	10.087	162	768727	38.55	ng/ul	93
28) Naphthalene	10.487	128	2636361	39.63	ng/ul	100
30) 4-Chloroaniline	10.598	127	984076	41.89	ng/ul	100
31) Hexachlorobutadiene	10.775	225	515122	31.72	ng/ul	98
32) Caprolactam	11.369	113	228333m	44.82	ng/ul	
33) 4-Chloro-3-methylphenol	11.722	107	877018	46.32	ng/ul	95
34) 2-Methylnaphthalene	12.104	142	1820051	39.91	ng/ul	93
35) 1-Methylnaphthalene	12.328	142	1825326	40.83	ng/uL	96
37) 1,2,4,5-Tetrachloroben...	12.475	216	901108	35.56	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.457	237	646168	37.21	ng/ul	94
39) 2,4,6-Trichlorophenol	12.722	196	585893	39.50	ng/ul	99
40) 2,4,5-Trichlorophenol	12.787	196	638984	39.67	ng/ul	99
41) 1,1'-Biphenyl	13.128	154	2335957	40.20	ng/ul	98
42) 2-Chloronaphthalene	13.169	162	1841141	39.16	ng/ul	97
43) 2-Nitroaniline	13.375	65	581108	62.85	ng/ul	94
45) Dimethylphthalate	13.763	163	2292028	39.61	ng/ul	100
46) 2,6-Dinitrotoluene	13.881	165	484010	42.72	ng/ul	90
48) Acenaphthylene	14.022	152	2841151	40.43	ng/ul	98
49) 3-Nitroaniline	14.204	138	458430	44.23	ng/ul#	90
50) Acenaphthene	14.363	153	2000965	40.68	ng/ul	99
51) 2,4-Dinitrophenol	14.410	184	279731	41.33	ng/ul	90
53) 4-Nitrophenol	14.516	109	390868	42.93	ng/ul	99
54) Dibenzofuran	14.698	168	2710565	37.99	ng/ul	97
55) 2,4-Dinitrotoluene	14.669	165	688029	42.22	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.928	232	554451	41.23	ng/ul	95
57) Diethylphthalate	15.134	149	2394535	41.60	ng/ul	97
59) Fluorene	15.351	166	2319911	40.35	ng/ul	95
60) 4-Chlorophenyl-phenyle...	15.351	204	1109553	36.98	ng/ul	99
61) 4-Nitroaniline	15.375	138	510452	48.08	ng/ul	93
64) 4,6-Dinitro-2-methylph...	15.434	198	413158	37.35	ng/ul	96
65) N-Nitrosodiphenylamine	15.563	169	1927271	41.87	ng/ul	98
66) 4-Bromophenyl-phenylether	16.245	248	676567	38.65	ng/ul	99
67) Hexachlorobenzene	16.357	284	794684	40.78	ng/ul	95
68) Atrazine	16.522	200	718991	40.11	ng/ul	98
69) Pentachlorophenol	16.698	266	476116	42.63	ng/ul	99
70) Phenanthrene	17.092	178	3671294	40.22	ng/ul	99
72) Anthracene	17.180	178	3638031	39.35	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.087	216	837365	34.26	ng/uL	95
74) Pentachlorobenzene	14.622	250	860626	36.75	ng/uL	91
75) Carbazole	17.451	167	3243573	41.72	ng/ul	99
76) Di-n-butylphthalate	18.022	149	4241781	47.99	ng/ul	99
77) Fluoranthene	19.110	202	4265490	38.19	ng/ul	97
80) Pyrene	19.474	202	4389201	40.10	ng/ul	99
81) Butylbenzylphthalate	20.386	149	1930140	52.28	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.168	252	1530523	49.35	ng/ul	98
83) Benzo(a)anthracene	21.233	228	4057977	39.22	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.168	149	2928825	52.60	ng/ul	97
85) Chrysene	21.286	228	4013809	39.05	ng/ul	98
87) Di-n-octyl phthalate	22.045	149	4919085	46.53	ng/ul	100
88) Benzo(b)fluoranthene	22.798	252	4360531	38.57	ng/ul	99
89) Benzo(k)fluoranthene	22.839	252	4490367	40.00	ng/ul	98
91) Benzo(a)pyrene	23.362	252	4185382	40.18	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.674	276	5281759	39.56	ng/ul	95
93) Dibenzo(a,h)anthracene	25.686	278	4320417	38.66	ng/ul	99
94) Benzo(g,h,i)perylene	26.351	276	4509978	40.75	ng/ul	98

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

