

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
 Data File : BN012116.D
 Acq On : 08 Oct 2020 23:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02067

Manual Integrations
 APPROVED

mohammad
 10/12/2020 11:33:08 AM

Quant Time: Oct 09 03:00:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 08 15:35:30 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	364299	20.00	ng/ul	0.00
18) Naphthalene-d8	10.422	136	1436626	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.287	164	894737	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.034	188	1824245	20.00	ng/ul	0.00
78) Chrysene-d12	21.233	240	1811893	20.00	ng/ul	0.00
86) Perylene-d12	23.427	264	1850313	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	51454	6.15	ng/uL	0.00
5) Phenol-d5	6.822	99	509354	16.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.987	67	307422	16.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.181	132	422246	17.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.352	113	412284	17.23	ng/ul	0.00
19) Nitrobenzene-d5	8.793	128	194841	17.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.510	143	225484	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.046	165	400237	16.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.557	131	522050	18.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.698	166	1149541	16.38	ng/ul	0.00
47) Acenaphthylene-d8	13.975	160	1436827	17.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.493	143	213254	16.50	ng/ul	0.00
58) Fluorene-d10	15.281	176	993607	16.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.404	200	190840	16.39	ng/ul	0.00
71) Anthracene-d10	17.134	188	1491862	16.86	ng/ul	0.00
79) Pyrene-d10	19.433	212	1566736	16.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.292	264	1683846	16.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	62720	5.97	ng/uL	97
4) Benzaldehyde	6.799	77	345142	19.72	ng/ul	93
6) Phenol	6.852	94	534072	16.89	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.081	93	427729	16.65	ng/ul	99
10) 2-Chlorophenol	7.216	128	431056	16.95	ng/ul	99
11) 2-Methylphenol	8.087	108	394346	16.79	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.175	45	551857	16.65	ng/ul	97
14) Acetophenone	8.463	105	642238	16.84	ng/ul	96
15) N-Nitroso-di-n-propyla...	8.452	70	338502	17.68	ng/ul	95
16) 4-Methylphenol	8.411	108	425863	16.91	ng/ul	95
17) Hexachloroethane	8.710	117	189287	16.36	ng/ul	94
20) Nitrobenzene	8.834	77	524435	16.63	ng/ul	99
21) Isophorone	9.363	82	914911	17.31	ng/ul	98
23) 2-Nitrophenol	9.540	139	238777	17.50	ng/ul	98
24) 2,4-Dimethylphenol	9.605	107	486645	16.43	ng/ul	93
25) Bis(2-Chloroethoxy)met...	9.840	93	566992	17.10	ng/ul	99
27) 2,4-Dichlorophenol	10.069	162	410785	17.15	ng/ul	99
28) Naphthalene	10.469	128	1367961	16.64	ng/ul	97
30) 4-Chloroaniline	10.581	127	507832	18.08	ng/ul	95
31) Hexachlorobutadiene	10.757	225	253215	15.61	ng/ul	98
32) Caprolactam	11.357	113	125376m	18.98	ng/ul	
33) 4-Chloro-3-methylphenol	11.710	107	445487	17.11	ng/ul	94
34) 2-Methylnaphthalene	12.087	142	939557	16.63	ng/ul	98
35) 1-Methylnaphthalene	12.310	142	924905	16.56	ng/uL	97
37) 1,2,4,5-Tetrachloroben...	12.463	216	453985	15.66	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.440	237	301087	14.69	ng/ul	98
39) 2,4,6-Trichlorophenol	12.704	196	306598	16.87	ng/ul	92
40) 2,4,5-Trichlorophenol	12.775	196	337959	17.24	ng/ul	96
41) 1,1'-Biphenyl	13.110	154	1205765	16.27	ng/ul	94
42) 2-Chloronaphthalene	13.151	162	960057	16.27	ng/ul	96
43) 2-Nitroaniline	13.363	65	290511	17.17	ng/ul	91
45) Dimethylphthalate	13.746	163	1202145	16.62	ng/ul	99
46) 2,6-Dinitrotoluene	13.863	165	251780	17.84	ng/ul	88
48) Acenaphthylene	14.004	152	1474568	16.75	ng/ul	97
49) 3-Nitroaniline	14.193	138	240100	18.64	ng/ul	87
50) Acenaphthene	14.351	153	1008929	15.95	ng/ul	92
51) 2,4-Dinitrophenol	14.398	184	139324	16.19	ng/ul	89
53) 4-Nitrophenol	14.504	109	187108	15.54	ng/ul	91
54) Dibenzofuran	14.687	168	1396902	16.18	ng/ul	97
55) 2,4-Dinitrotoluene	14.657	165	358920	17.52	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.916	232	278756	17.04	ng/ul	93
57) Diethylphthalate	15.122	149	1210901	16.27	ng/ul	98
59) Fluorene	15.340	166	1167878	16.14	ng/ul	97
60) 4-Chlorophenyl-phenyle...	15.334	204	561220	15.89	ng/ul	95
61) 4-Nitroaniline	15.357	138	250820	18.02	ng/ul	90
64) 4,6-Dinitro-2-methylph...	15.416	198	213156	16.83	ng/ul	98
65) N-Nitrosodiphenylamine	15.551	169	988179	16.98	ng/ul	99
66) 4-Bromophenyl-phenylether	16.228	248	336180	16.11	ng/ul	94
67) Hexachlorobenzene	16.340	284	384967	15.81	ng/ul	97
68) Atrazine	16.504	200	354529	16.65	ng/ul	99
69) Pentachlorophenol	16.687	266	222882	15.44	ng/ul	98
70) Phenanthrene	17.075	178	1839669	16.55	ng/ul	100
72) Anthracene	17.163	178	1874772	16.71	ng/ul	98
73) 1,2,3,4-Tetrachloroben...	13.075	216	433137	16.33	ng/uL	96
74) Pentachlorobenzene	14.604	250	469322	17.25	ng/uL	95
75) Carbazole	17.439	167	1607771	16.50	ng/ul	100
76) Di-n-butylphthalate	18.010	149	2094703	16.93	ng/ul	100
77) Fluoranthene	19.098	202	2107785	16.89	ng/ul	98
80) Pyrene	19.463	202	2193310	16.78	ng/ul	99
81) Butylbenzylphthalate	20.375	149	950964	17.70	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.151	252	723109	17.15	ng/ul#	97
83) Benzo(a)anthracene	21.216	228	1991312	16.31	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.157	149	1443816	17.51	ng/ul	100
85) Chrysene	21.269	228	1924969	16.04	ng/ul	99
87) Di-n-octyl phthalate	22.027	149	2458724	17.89	ng/ul	100
88) Benzo(b)fluoranthene	22.774	252	2195503	16.94	ng/ul	98
89) Benzo(k)fluoranthene	22.816	252	2021307	15.83	ng/ul	99
91) Benzo(a)pyrene	23.333	252	1956895	16.64	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.627	276	2351186	15.66	ng/ul	96
93) Dibenzo(a,h)anthracene	25.645	278	2018637	16.32	ng/ul	99
94) Benzo(g,h,i)perylene	26.310	276	1967426	15.39	ng/ul	98

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

