

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012039.D
 Acq On : 02 Oct 2020 16:37
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV57

Manual Integrations
 APPROVED

mohammad

Quant Time: Oct 02 17:05:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 16:22:43 2020
 Response via : Initial Calibration

10/5/2020 10:29:48 AM

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	287921	20.00	ng/ul	0.00
18) Naphthalene-d8	10.434	136	1095516	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	647631	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1309558	20.00	ng/ul	0.00
78) Chrysene-d12	21.245	240	1226126	20.00	ng/ul	0.00
86) Perylene-d12	23.451	264	1355221	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	57489	8.69	ng/uL	0.00
5) Phenol-d5	6.828	99	489542	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.993	67	310559	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.187	132	410963	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.357	113	388987	20.56	ng/ul	0.00
19) Nitrobenzene-d5	8.805	128	186321	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	201500	21.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.052	165	386719	21.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	355262	16.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	1048454	20.64	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	1274032	21.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.492	143	181912	19.45	ng/ul	0.00
58) Fluorene-d10	15.292	176	906591	20.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	164602	19.69	ng/ul	0.00
71) Anthracene-d10	17.145	188	1357633	21.38	ng/ul	0.00
79) Pyrene-d10	19.445	212	1430919	22.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.310	264	1521137	20.00	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	68477	8.24	ng/uL	96
4) Benzaldehyde	6.805	77	336424	24.32	ng/ul	97
6) Phenol	6.852	94	521141	20.85	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.087	93	426767	21.02	ng/ul	94
10) 2-Chlorophenol	7.222	128	422096	21.00	ng/ul	98
11) 2-Methylphenol	8.093	108	382587	20.61	ng/ul	100
12) 2,2'-oxybis(1-Chloropr...	8.181	45	546748	20.88	ng/ul	99
14) Acetophenone	8.475	105	621575	20.62	ng/ul	96
15) N-Nitroso-di-n-propyla...	8.457	70	314967	20.82	ng/ul	98
16) 4-Methylphenol	8.422	108	417182	20.95	ng/ul	99
17) Hexachloroethane	8.728	117	190239	20.80	ng/ul	96
20) Nitrobenzene	8.846	77	503992	20.96	ng/ul	100
21) Isophorone	9.369	82	828280	20.55	ng/ul	97
23) 2-Nitrophenol	9.552	139	228343	21.94	ng/ul	99
24) 2,4-Dimethylphenol	9.616	107	471341	20.87	ng/ul	97
25) Bis(2-Chloroethoxy)met...	9.852	93	530467	20.97	ng/ul	99
27) 2,4-Dichlorophenol	10.081	162	385243	21.09	ng/ul	99
28) Naphthalene	10.481	128	1318684	21.03	ng/ul	100
30) 4-Chloroaniline	10.593	127	360107	16.81	ng/ul	99
31) Hexachlorobutadiene	10.769	225	254440	20.57	ng/ul	99
32) Caprolactam	11.357	113	95770m	19.01	ng/ul	
33) 4-Chloro-3-methylphenol	11.716	107	410541	20.68	ng/ul	98
34) 2-Methylnaphthalene	12.098	142	902926	20.95	ng/ul	90
35) 1-Methylnaphthalene	12.322	142	890421	20.91	ng/uL	99
37) 1,2,4,5-Tetrachloroben...	12.475	216	443253	21.13	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.451	237	298618	20.13	ng/ul	98
39) 2,4,6-Trichlorophenol	12.716	196	280708	21.34	ng/ul	94
40) 2,4,5-Trichlorophenol	12.787	196	305036	21.50	ng/ul	93
41) 1,1'-Biphenyl	13.122	154	1144681	21.34	ng/ul	99
42) 2-Chloronaphthalene	13.163	162	889419	20.82	ng/ul	99
43) 2-Nitroaniline	13.369	65	260988	21.32	ng/ul	98
45) Dimethylphthalate	13.757	163	1111220	21.23	ng/ul	99
46) 2,6-Dinitrotoluene	13.875	165	217499	21.29	ng/ul	92
48) Acenaphthylene	14.016	152	1342041	21.06	ng/ul	99
49) 3-Nitroaniline	14.204	138	158049	16.95	ng/ul	96
50) Acenaphthene	14.363	153	984107	21.49	ng/ul	97
51) 2,4-Dinitrophenol	14.410	184	116685	18.73	ng/ul	89
53) 4-Nitrophenol	14.510	109	168285	19.31	ng/ul	95
54) Dibenzofuran	14.698	168	1301454	20.83	ng/ul	99
55) 2,4-Dinitrotoluene	14.663	165	312251	21.05	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.922	232	248302	20.96	ng/ul	96
57) Diethylphthalate	15.134	149	1113705	20.67	ng/ul	97
59) Fluorene	15.351	166	1102284	21.05	ng/ul	94
60) 4-Chlorophenyl-phenyle...	15.345	204	520050	20.34	ng/ul	95
61) 4-Nitroaniline	15.363	138	175110	17.38	ng/ul#	84
64) 4,6-Dinitro-2-methylph...	15.428	198	182067	20.03	ng/ul	98
65) N-Nitrosodiphenylamine	15.563	169	889446	21.30	ng/ul	94
66) 4-Bromophenyl-phenylether	16.239	248	314202	20.98	ng/ul	95
67) Hexachlorobenzene	16.351	284	361763	20.70	ng/ul	98
68) Atrazine	16.516	200	315631	20.65	ng/ul	97
69) Pentachlorophenol	16.698	266	203311	19.62	ng/ul	96
70) Phenanthrene	17.086	178	1676746	21.02	ng/ul	100
72) Anthracene	17.181	178	1717834	21.32	ng/ul	98
73) 1,2,3,4-Tetrachloroben...	13.087	216	430109	22.59	ng/uL	96
74) Pentachlorobenzene	14.622	250	427995	21.92	ng/uL	90
75) Carbazole	17.451	167	1469140	21.00	ng/ul	98
76) Di-n-butylphthalate	18.022	149	1845500	20.78	ng/ul	99
77) Fluoranthene	19.110	202	1868732	20.85	ng/ul	99
80) Pyrene	19.475	202	1921927	21.73	ng/ul	99
81) Butylbenzylphthalate	20.386	149	795840	21.89	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.169	252	509692	17.87	ng/ul	94
83) Benzo(a)anthracene	21.227	228	1812510	21.94	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.169	149	1217860	21.82	ng/ul#	98
85) Chrysene	21.280	228	1793194	22.08	ng/ul	97
87) Di-n-octyl phthalate	22.045	149	1987471	19.75	ng/ul	100
88) Benzo(b)fluoranthene	22.792	252	1892403	19.93	ng/ul	98
89) Benzo(k)fluoranthene	22.839	252	1840582	19.68	ng/ul	98
91) Benzo(a)pyrene	23.357	252	1688846	19.61	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.662	276	2140251	19.46	ng/ul	97
93) Dibenzo(a,h)anthracene	25.674	278	1842962	20.34	ng/ul	98
94) Benzo(g,h,i)perylene	26.345	276	1834157	19.58	ng/ul	99

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

