

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
 Data File : BN012065.D
 Acq On : 05 Oct 2020 20:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02061

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:36:58 AM

Quant Time: Oct 06 00:24:33 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	247610	20.00	ng/ul	0.00
18) Naphthalene-d8	10.434	136	992669	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.292	164	645818	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1371755	20.00	ng/ul	0.00
78) Chrysene-d12	21.245	240	1397153	20.00	ng/ul	0.00
86) Perylene-d12	23.451	264	1515157	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	53270	9.36	ng/uL	0.00
5) Phenol-d5	6.828	99	392829	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.999	67	245613	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.193	132	321395	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.357	113	321807	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.804	128	148710	18.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	160828	18.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.057	165	319684	19.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	407600	21.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	934421	18.45	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	1140429	18.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.492	143	166197	17.82	ng/ul	0.00
58) Fluorene-d10	15.292	176	835958	18.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	152691	17.44	ng/ul	0.00
71) Anthracene-d10	17.139	188	1256614	18.89	ng/ul	0.00
79) Pyrene-d10	19.445	212	1376486	18.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.310	264	1456690	17.13	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	55347	7.75	ng/uL	99
4) Benzaldehyde	6.810	77	270458	22.74	ng/ul	93
6) Phenol	6.858	94	432144	20.10	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.087	93	338976	19.41	ng/ul	97
10) 2-Chlorophenol	7.222	128	345869	20.01	ng/ul	99
11) 2-Methylphenol	8.093	108	319184	19.99	ng/ul	93
12) 2,2'-oxybis(1-Chloropr...	8.181	45	438265	19.46	ng/ul	98
14) Acetophenone	8.475	105	532144	20.53	ng/ul	96
15) N-Nitroso-di-n-propyla...	8.457	70	268793	20.66	ng/ul	97
16) 4-Methylphenol	8.422	108	336488	19.65	ng/ul	83
17) Hexachloroethane	8.728	117	148836	18.93	ng/ul	96
20) Nitrobenzene	8.846	77	411359	18.88	ng/ul	94
21) Isophorone	9.369	82	719896	19.71	ng/ul	100
23) 2-Nitrophenol	9.551	139	183955	19.51	ng/ul	96
24) 2,4-Dimethylphenol	9.616	107	404490	19.77	ng/ul	98
25) Bis(2-Chloroethoxy)met...	9.851	93	443189	19.34	ng/ul	96
27) 2,4-Dichlorophenol	10.081	162	331781	20.04	ng/ul	96
28) Naphthalene	10.481	128	1077359	18.96	ng/ul	100
30) 4-Chloroaniline	10.593	127	423295	21.81	ng/ul	100
31) Hexachlorobutadiene	10.769	225	207160	18.48	ng/ul	96
32) Caprolactam	11.363	113	92428m	20.25	ng/ul	
33) 4-Chloro-3-methylphenol	11.716	107	371126	20.63	ng/ul	97
34) 2-Methylnaphthalene	12.098	142	774903	19.85	ng/ul	97
35) 1-Methylnaphthalene	12.322	142	732938	19.00	ng/uL	96
37) 1,2,4,5-Tetrachloroben...	12.475	216	380502	18.19	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.451	237	270610	18.29	ng/ul	97
39) 2,4,6-Trichlorophenol	12.716	196	254062	19.37	ng/ul	85
40) 2,4,5-Trichlorophenol	12.787	196	273947	19.36	ng/ul	91
41) 1,1'-Biphenyl	13.122	154	1008952	18.86	ng/ul	99
42) 2-Chloronaphthalene	13.163	162	772782	18.14	ng/ul	98
43) 2-Nitroaniline	13.369	65	230461	18.88	ng/ul	95
45) Dimethylphthalate	13.757	163	988823	18.94	ng/ul	99
46) 2,6-Dinitrotoluene	13.875	165	191898	18.83	ng/ul	93
48) Acenaphthylene	14.016	152	1205208	18.97	ng/ul	98
49) 3-Nitroaniline	14.204	138	188347	20.26	ng/ul	88
50) Acenaphthene	14.357	153	853120	18.68	ng/ul	97
51) 2,4-Dinitrophenol	14.404	184	112907	18.18	ng/ul#	88
53) 4-Nitrophenol	14.510	109	159426	18.34	ng/ul	96
54) Dibenzofuran	14.698	168	1203072	19.31	ng/ul	97
55) 2,4-Dinitrotoluene	14.663	165	285094	19.27	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.922	232	223382	18.91	ng/ul	96
57) Diethylphthalate	15.128	149	1008018	18.76	ng/ul	97
59) Fluorene	15.345	166	999414	19.14	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.345	204	476562	18.69	ng/ul	98
61) 4-Nitroaniline	15.363	138	201540	20.06	ng/ul	94
64) 4,6-Dinitro-2-methylph...	15.422	198	159608	16.76	ng/ul	99
65) N-Nitrosodiphenylamine	15.557	169	862102	19.71	ng/ul	99
66) 4-Bromophenyl-phenylether	16.239	248	282680	18.02	ng/ul	95
67) Hexachlorobenzene	16.351	284	344723	18.83	ng/ul	90
68) Atrazine	16.516	200	278636	17.41	ng/ul	98
69) Pentachlorophenol	16.692	266	199110	18.35	ng/ul	99
70) Phenanthrene	17.086	178	1586930	18.99	ng/ul	99
72) Anthracene	17.175	178	1597920	18.94	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.087	216	370071	18.56	ng/uL	97
74) Pentachlorobenzene	14.616	250	374630	18.32	ng/uL	96
75) Carbazole	17.445	167	1404247	19.17	ng/ul	99
76) Di-n-butylphthalate	18.022	149	1742233	18.72	ng/ul	99
77) Fluoranthene	19.110	202	1716185	18.28	ng/ul	99
80) Pyrene	19.474	202	1823852	18.10	ng/ul	99
81) Butylbenzylphthalate	20.386	149	752481	18.16	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.169	252	609128	18.74	ng/ul	94
83) Benzo(a)anthracene	21.227	228	1734862	18.43	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.169	149	1133598	17.83	ng/ul	97
85) Chrysene	21.280	228	1683802	18.20	ng/ul	95
87) Di-n-octyl phthalate	22.045	149	1958465	17.40	ng/ul	100
88) Benzo(b)fluoranthene	22.792	252	1812389	17.08	ng/ul	98
89) Benzo(k)fluoranthene	22.833	252	1868624	17.87	ng/ul	99
91) Benzo(a)pyrene	23.357	252	1637074	17.00	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.657	276	2099925	17.08	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.668	278	1799477	17.77	ng/ul	100
94) Benzo(g,h,i)perylene	26.333	276	1789293	17.09	ng/ul	97

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

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