

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020321\
 Data File : BN013563.D
 Acq On : 03 Feb 2021 19:08
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02061

Manual Integrations
 APPROVED

mohammad
 2/4/2021 11:14:15 AM

Quant Time: Feb 04 02:19:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 03 12:01:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	315243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.316	136	1273519	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.192	164	751457	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.939	188	1535935	20.00	ng/ul	0.00
78) Chrysene-d12	21.145	240	1528624	20.00	ng/ul	0.00
86) Perylene-d12	23.315	264	1556297	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	56248	7.66	ng/uL	0.00
5) Phenol-d5	6.734	99	453844	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.905	67	263396	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.093	132	392664	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.257	113	355306	19.06	ng/ul	0.00
19) Nitrobenzene-d5	8.699	128	171456	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.410	143	174087	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.946	165	351047	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.457	131	482839	22.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.610	166	983508	19.54	ng/ul	0.00
47) Acenaphthylene-d8	13.881	160	1327326	20.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.398	143	188048	19.26	ng/ul	0.00
58) Fluorene-d10	15.192	176	869293	19.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.310	200	139299	16.96	ng/ul	0.00
71) Anthracene-d10	17.039	188	1347780	20.24	ng/ul	0.00
79) Pyrene-d10	19.345	212	1421910	19.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.174	264	1494491	19.67	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	57419	7.74	ng/uL	98
4) Benzaldehyde	6.710	77	275501	23.14	ng/ul	97
6) Phenol	6.763	94	492111	19.80	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.993	93	378862	19.53	ng/ul	99
10) 2-Chlorophenol	7.128	128	407410	19.65	ng/ul	97
11) 2-Methylphenol	7.993	108	356369	19.27	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.081	45	547363	19.64	ng/ul	99
14) Acetophenone	8.363	105	584083	19.81	ng/ul	99
15) N-Nitroso-di-n-propyla...	8.357	70	260307	19.06	ng/ul	100
16) 4-Methylphenol	8.316	108	393902	19.44	ng/ul	100
17) Hexachloroethane	8.622	117	157432	19.31	ng/ul	96
20) Nitrobenzene	8.740	77	403724	20.07	ng/ul	99
21) Isophorone	9.257	82	691790	19.60	ng/ul	99
23) 2-Nitrophenol	9.446	139	207760	20.28	ng/ul	99
24) 2,4-Dimethylphenol	9.510	107	423739	20.18	ng/ul	97
25) Bis(2-Chloroethoxy)met...	9.746	93	483574	19.45	ng/ul	100
27) 2,4-Dichlorophenol	9.969	162	366708	20.32	ng/ul	97
28) Naphthalene	10.369	128	1303642	19.95	ng/ul	99
30) 4-Chloroaniline	10.481	127	499544	23.05	ng/ul	97
31) Hexachlorobutadiene	10.663	225	218414	19.72	ng/ul	98
32) Caprolactam	11.228	113	97048m	18.01	ng/ul	
33) 4-Chloro-3-methylphenol	11.610	107	365898	19.89	ng/ul	98
34) 2-Methylnaphthalene	11.987	142	895564	19.62	ng/ul	96
35) 1-Methylnaphthalene	12.210	142	877530	19.91	ng/ul	96
37) 1,2,4,5-Tetrachloroben...	12.363	216	424613	20.11	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.351	237	234940	18.16	ng/ul	96
39) 2,4,6-Trichlorophenol	12.610	196	261267	20.42	ng/ul	95
40) 2,4,5-Trichlorophenol	12.675	196	286348	19.90	ng/ul	93
41) 1,1'-Biphenyl	13.022	154	1134809	19.96	ng/ul	95
42) 2-Chloronaphthalene	13.057	162	879704	19.98	ng/ul	99
43) 2-Nitroaniline	13.263	65	207043	19.96	ng/ul	100
45) Dimethylphthalate	13.657	163	1026768	19.62	ng/ul	99
46) 2,6-Dinitrotoluene	13.769	165	196859	19.79	ng/ul	97
48) Acenaphthylene	13.910	152	1290600	19.93	ng/ul	99
49) 3-Nitroaniline	14.098	138	208478	20.81	ng/ul	99
50) Acenaphthene	14.257	153	935003	19.95	ng/ul	99
51) 2,4-Dinitrophenol	14.304	184	87755	15.50	ng/ul	99
53) 4-Nitrophenol	14.410	109	140329	19.57	ng/ul	99
54) Dibenzofuran	14.592	168	1281348	19.68	ng/ul	98
55) 2,4-Dinitrotoluene	14.563	165	289665	19.80	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.822	232	229091	20.27	ng/ul	96
57) Diethylphthalate	15.034	149	1005342	19.54	ng/ul	98
59) Fluorene	15.245	166	1051729	20.18	ng/ul	100
60) 4-Chlorophenyl-phenyle...	15.251	204	495342	19.96	ng/ul	94
61) 4-Nitroaniline	15.263	138	229273	20.39	ng/ul	95
64) 4,6-Dinitro-2-methylph...	15.328	198	153524	18.08	ng/ul	96
65) N-Nitrosodiphenylamine	15.463	169	889151	20.05	ng/ul	99
66) 4-Bromophenyl-phenylether	16.145	248	285647	19.33	ng/ul	98
67) Hexachlorobenzene	16.251	284	328496	19.39	ng/ul	95
68) Atrazine	16.422	200	284799	18.98	ng/ul	99
69) Pentachlorophenol	16.592	266	171539	17.89	ng/ul	97
70) Phenanthrene	16.986	178	1645652	19.96	ng/ul	99
72) Anthracene	17.075	178	1696553	20.34	ng/ul	98
73) 1,2,3,4-Tetrachloroben...	12.981	216	433436	20.30	ng/uL	99
74) Pentachlorobenzene	14.516	250	407501	19.67	ng/uL	95
75) Carbazole	17.345	167	1473880	20.29	ng/ul	99
76) Di-n-butylphthalate	17.928	149	1576193	19.34	ng/ul	100
77) Fluoranthene	19.010	202	1830267	20.92	ng/ul	99
80) Pyrene	19.375	202	1924341	20.00	ng/ul	99
81) Butylbenzylphthalate	20.298	149	658930	19.28	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.069	252	555990	20.37	ng/ul	96
83) Benzo(a)anthracene	21.127	228	1846165	20.10	ng/ul	100
84) Bis(2-ethylhexyl)phtha...	21.086	149	1059527	19.81	ng/ul	99
85) Chrysene	21.180	228	1768128	19.43	ng/ul	98
87) Di-n-octyl phthalate	21.945	149	1743381	19.12	ng/ul	100
88) Benzo(b)fluoranthene	22.668	252	1828534	19.46	ng/ul	99
89) Benzo(k)fluoranthene	22.710	252	1866058	20.42	ng/ul	99
91) Benzo(a)pyrene	23.221	252	1657218	20.10	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.468	276	2131281	20.16	ng/ul	99
93) Dibenzo(a,h)anthracene	25.480	278	1812227	20.36	ng/ul	97
94) Benzo(g,h,i)perylene	26.121	276	1761266	19.80	ng/ul	96

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

