

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014766.D
 Acq On : 26 May 2021 13:06
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020063

Manual Integrations
 APPROVED

mohammad
 5/26/2021 4:28:39 PM

Quant Time: May 26 13:50:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 25 10:33:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	202849	20.00	ng/ul	0.00
20) Naphthalene-d8	10.498	136	880225	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	745264	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1951657	20.00	ng/ul	0.00
79) Chrysene-d12	21.321	240	2531398	20.00	ng/ul	0.00
88) Perylene-d12	23.592	264	3070081	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	36768	7.38	ng/uL	0.00
4) Pyridine-d5	3.634	84	211436	16.85	ng/ul	0.00
7) Phenol-d5	6.893	99	392327	19.75	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	187522	18.99	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	239349	19.46	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	307763	19.93	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	126323	19.05	ng/ul	0.00
24) 2-Nitrophenol-d4	9.586	143	129527	18.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	306813	18.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.633	131	393013	20.51	ng/ul	0.00
46) Dimethylphthalate-d6	13.774	166	1148986	19.41	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1311047	19.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	186629	19.84	ng/ul	0.00
60) Fluorene-d10	15.363	176	1013001	19.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	209034	19.58	ng/ul	0.00
73) Anthracene-d10	17.215	188	1747083	19.16	ng/ul	0.00
81) Pyrene-d10	19.521	212	2346629	19.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.450	264	3264955	19.97	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	33487	5.73	ng/uL#	89
5) Pyridine	3.652	79	210794	16.04	ng/ul	98
6) Benzaldehyde	6.857	77	248054	23.19	ng/ul	92
8) Phenol	6.916	94	409213	20.02	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.145	93	309062	19.59	ng/ul	100
12) 2-Chlorophenol	7.281	128	250818	19.48	ng/ul	97
13) 2-Methylphenol	8.157	108	307109	20.46	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.245	45	193895	19.48	ng/ul#	94
16) Acetophenone	8.534	105	540752	21.15	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.516	70	264610	21.49	ng/ul#	95
18) 4-Methylphenol	8.487	108	340765	20.82	ng/ul	94
19) Hexachloroethane	8.792	117	121733	18.88	ng/ul	97
22) Nitrobenzene	8.910	77	385948	18.65	ng/ul#	95
23) Isophorone	9.428	82	762264	19.40	ng/ul	97
25) 2-Nitrophenol	9.616	139	145192	19.17	ng/ul	89
26) 2,4-Dimethylphenol	9.681	107	446374	19.15	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.916	93	444340	18.61	ng/ul	98
29) 2,4-Dichlorophenol	10.151	162	305810	19.62	ng/ul	96
30) Naphthalene	10.551	128	899389	18.80	ng/ul	99
32) 4-Chloroaniline	10.663	127	425671	20.88	ng/ul	94
33) Hexachlorobutadiene	10.839	225	241119	17.30	ng/ul	97
34) Caprolactam	11.451	113	111952m	22.23	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	466606	20.66	ng/ul	91
36) 2-Methylnaphthalene	12.169	142	710639	19.93	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	688354	19.63	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.545	216	486637	17.27	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	301689	16.16	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	305780	19.32	ng/ul	90
42) 2,4,5-Trichlorophenol	12.863	196	342930	19.86	ng/ul	95
43) 1,1'-Biphenyl	13.192	154	978654	18.36	ng/ul	97
44) 2-Chloronaphthalene	13.233	162	802555	18.79	ng/ul	97
45) 2-Nitroaniline	13.439	65	251481	19.33	ng/ul	93
47) Dimethylphthalate	13.822	163	1143775	19.53	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	229420	21.08	ng/ul	96
50) Acenaphthylene	14.086	152	1211819	19.25	ng/ul	99
51) 3-Nitroaniline	14.269	138	205634	19.47	ng/ul	97
52) Acenaphthene	14.427	153	875167	19.19	ng/ul	95
53) 2,4-Dinitrophenol	14.474	184	160600	20.33	ng/ul	90
55) 4-Nitrophenol	14.592	109	380952	21.13	ng/ul	91
56) Dibenzofuran	14.769	168	1329697	19.60	ng/ul	96
57) 2,4-Dinitrotoluene	14.733	165	372983	21.51	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.998	232	359498	20.24	ng/ul	98
59) Diethylphthalate	15.198	149	1125587	19.99	ng/ul	97
61) Fluorene	15.421	166	1019651	19.97	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.416	204	603140	19.97	ng/ul	97
63) 4-Nitroaniline	15.439	138	220626	20.57	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.498	198	205060	19.64	ng/ul#	97
67) N-Nitrosodiphenylamine	15.633	169	996520	18.96	ng/ul	97
68) 4-Bromophenyl-phenylether	16.316	248	459037	18.06	ng/ul	95
69) Hexachlorobenzene	16.427	284	595373	18.73	ng/ul	98
70) Atrazine	16.586	200	420127	19.33	ng/ul	96
71) Pentachlorophenol	16.768	266	417750	22.82	ng/ul	97
72) Phenanthrene	17.163	178	1971759	19.34	ng/ul	97
74) Anthracene	17.251	178	2026264	19.72	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.157	216	565125	17.52	ng/uL	95
76) Pentachlorobenzene	14.686	250	593869	17.80	ng/uL	97
77) Carbazole	17.521	167	1792910	20.70	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1969437	19.30	ng/ul	97
80) Fluoranthene	19.186	202	2671598	18.98	ng/ul	98
82) Pyrene	19.551	202	2687965	18.57	ng/ul	98
83) Butylbenzylphthalate	20.462	149	955109	19.64	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.245	252	1016739	21.30	ng/ul	92
85) Benzo(a)anthracene	21.309	228	3021131	19.15	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.251	149	1346009	19.20	ng/ul	97
87) Chrysene	21.362	228	3127507	19.68	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	2748659	20.24	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	3598273	19.53	ng/ul	96
91) Benzo(k)fluoranthene	22.956	252	3576297	19.48	ng/ul	96
93) Benzo(a)pyrene	23.497	252	3222270	19.33	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.892	276	4501406	19.70	ng/ul	97
95) Dibenzo(a,h)anthracene	25.897	278	3761753	19.90	ng/ul	100
96) Benzo(g,h,i)perylene	26.586	276	3928869	19.43	ng/ul#	92

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

