

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014867.D
 Acq On : 10 Jun 2021 18:25
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020051

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:13:14 PM

Quant Time: Jun 10 18:57:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 10 11:55:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	149838	20.00	ng/ul	# 0.00
20) Naphthalene-d8	10.481	136	604868	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	420274	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	982012	20.00	ng/ul	0.00
79) Chrysene-d12	21.304	240	1043644	20.00	ng/ul	0.00
88) Perylene-d12	23.563	264	1188020	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	28061	7.63	ng/uL	0.00
4) Pyridine-d5	3.622	84	174651	18.85	ng/ul	0.00
7) Phenol-d5	6.875	99	262364	17.88	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	123490	16.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	188069	20.70	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	212345	18.62	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	98340	21.58	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	109572	22.37	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	223024	19.97	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	250069	19.00	ng/ul	0.01
46) Dimethylphthalate-d6	13.757	166	664411	19.90	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	813129	21.06	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	94586	17.83	ng/ul	0.00
60) Fluorene-d10	15.345	176	562624	19.56	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	112967	21.03	ng/ul	0.01
73) Anthracene-d10	17.204	188	922598m	20.11	ng/ul	0.00
81) Pyrene-d10	19.504	212	1121847	22.80	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	1253515	19.81	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	30628	7.09	ng/uL#	87
5) Pyridine	3.640	79	170155	17.52	ng/ul#	93
6) Benzaldehyde	6.840	77	169662	21.47	ng/ul	97
8) Phenol	6.899	94	261503	17.32	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.128	93	202793	17.40	ng/ul	95
12) 2-Chlorophenol	7.263	128	205262	21.58	ng/ul	90
13) 2-Methylphenol	8.140	108	207412	18.71	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	127403m	17.33	ng/ul	
16) Acetophenone	8.516	105	344359	18.24	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.499	70	166586	18.32	ng/ul#	87
18) 4-Methylphenol	8.463	108	216263	17.88	ng/ul	99
19) Hexachloroethane	8.769	117	102344	21.49	ng/ul	85
22) Nitrobenzene	8.893	77	259409	18.24	ng/ul	94
23) Isophorone	9.410	82	468672	17.36	ng/ul	95
25) 2-Nitrophenol	9.599	139	116527	22.39	ng/ul#	87
26) 2,4-Dimethylphenol	9.663	107	295649	18.45	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.899	93	266638	16.25	ng/ul#	92
29) 2,4-Dichlorophenol	10.134	162	205738	19.21	ng/ul	95
30) Naphthalene	10.534	128	632589	19.24	ng/ul	98
32) 4-Chloroaniline	10.646	127	267185	19.07	ng/ul	99
33) Hexachlorobutadiene	10.822	225	187280	19.56	ng/ul	96
34) Caprolactam	11.404	113	63373m	18.32	ng/ul	
35) 4-Chloro-3-methylphenol	11.781	107	273928	17.65	ng/ul	93
36) 2-Methylnaphthalene	12.151	142	471891	19.26	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	465590	19.32	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.528	216	307739	19.37	ng/ul#	97
40) Hexachlorocyclopentadiene	12.510	237	250832	23.83	ng/ul	95
41) 2,4,6-Trichlorophenol	12.769	196	182423	20.44	ng/ul	95
42) 2,4,5-Trichlorophenol	12.845	196	189174	19.43	ng/ul	95
43) 1,1'-Biphenyl	13.175	154	612796	20.38	ng/ul	92
44) 2-Chloronaphthalene	13.216	162	494391	20.52	ng/ul	99
45) 2-Nitroaniline	13.422	65	144789	19.73	ng/ul	94
47) Dimethylphthalate	13.804	163	656096	19.87	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	136576	22.25	ng/ul	87
50) Acenaphthylene	14.069	152	747962	21.07	ng/ul	96
51) 3-Nitroaniline	14.257	138	118098	19.83	ng/ul#	80
52) Acenaphthene	14.416	153	524348	20.39	ng/ul	97
53) 2,4-Dinitrophenol	14.463	184	113833	25.55	ng/ul	98
55) 4-Nitrophenol	14.575	109	140598	13.83	ng/ul	96
56) Dibenzofuran	14.751	168	762634	19.93	ng/ul#	83
57) 2,4-Dinitrotoluene	14.716	165	205913	21.05	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.981	232	189518	18.92	ng/ul#	88
59) Diethylphthalate	15.181	149	656251	20.67	ng/ul	96
61) Fluorene	15.404	166	596652	20.73	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.398	204	340395	19.99	ng/ul#	88
63) 4-Nitroaniline	15.422	138	124223	20.54	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.486	198	107262	20.41	ng/ul#	88
67) N-Nitrosodiphenylamine	15.616	169	561197	21.22	ng/ul	97
68) 4-Bromophenyl-phenylether	16.298	248	224987	17.59	ng/ul#	84
69) Hexachlorobenzene	16.416	284	308636	19.29	ng/ul	97
70) Atrazine	16.569	200	234965	21.48	ng/ul	92
71) Pentachlorophenol	16.757	266	158118	17.17	ng/ul	98
72) Phenanthrene	17.145	178	1010496m	19.69	ng/ul	
74) Anthracene	17.239	178	1037781	20.07	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.140	216	333271	20.54	ng/uL	91
76) Pentachlorobenzene	14.675	250	339010	20.20	ng/uL	98
77) Carbazole	17.504	167	888200	20.38	ng/ul	97
78) Di-n-butylphthalate	18.080	149	1145879	22.31	ng/ul#	97
80) Fluoranthene	19.169	202	1274220	21.96	ng/ul	99
82) Pyrene	19.533	202	1334845	22.37	ng/ul	98
83) Butylbenzylphthalate	20.445	149	537964	26.83	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.221	252	484107	24.60	ng/ul#	89
85) Benzo(a)anthracene	21.286	228	1310774	20.15	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.227	149	742533	25.69	ng/ul	99
87) Chrysene	21.339	228	1294356m	19.76	ng/ul	
89) Di-n-octyl phthalate	22.110	149	1402575	26.68	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	1417720m	19.88	ng/ul	
91) Benzo(k)fluoranthene	22.927	252	1413968	19.91	ng/ul	93
93) Benzo(a)pyrene	23.463	252	1286595	19.94	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.845	276	1749114	19.78	ng/ul	99
95) Dibenzo(a,h)anthracene	25.857	278	1432801	19.58	ng/ul	99
96) Benzo(g,h,i)perylene	26.545	276	1478567	18.90	ng/ul	93

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

