

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031649.D
 Acq On : 24 May 2024 02:47
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020260

Quant Time: May 24 03:33:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	611019	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2594887	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1433247	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2343155	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1540425	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1902349	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	119468	7.750	ng/uL	0.00
4) Pyridine-d5	3.599	84	862023	20.038	ng/u1	0.00
7) Phenol-d5	6.858	99	1053013	20.935	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	629084	20.853	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	809453	20.885	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	817428	20.993	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	400747	20.406	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	397806	21.213	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	756352	20.627	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1052711	19.917	ng/u1	0.00
46) Dimethylphthalate-d6	13.746	166	1870899	20.713	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2372153	20.954	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	312417	18.281	ng/u1	0.00
60) Fluorene-d10	15.322	176	1616971	20.657	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	190764	18.831	ng/u1	0.00
73) Anthracene-d10	17.169	188	2036576	20.532	ng/u1	0.00
81) Pyrene-d10	19.463	212	1818863	18.824	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1762555	19.683	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	128344	7.901	ng/uL	96
5) Pyridine	3.623	79	855437	20.204	ng/u1	96
6) Benzaldehyde	6.840	77	593320	23.030	ng/u1	97
8) Phenol	6.881	94	1071249	20.723	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.122	93	888955	20.723	ng/u1	98
12) 2-Chlorophenol	7.252	128	842745	20.733	ng/u1	99
13) 2-Methylphenol	8.128	108	806759	20.834	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.211	45	1006477	20.311	ng/u1	98
16) Acetophenone	8.511	105	1284887	21.155	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	628056	20.128	ng/u1	98
18) 4-Methylphenol	8.458	108	857882	20.846	ng/u1	99
19) Hexachloroethane	8.758	117	356616	20.534	ng/u1	98
22) Nitrobenzene	8.887	77	965855	20.077	ng/u1	96
23) Isophorone	9.411	82	1810980	19.789	ng/u1	98
25) 2-Nitrophenol	9.593	139	439719	21.037	ng/u1	99
26) 2,4-Dimethylphenol	9.652	107	859979	20.141	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.893	93	1152087	19.749	ng/u1	100
29) 2,4-Dichlorophenol	10.116	162	738438	20.314	ng/u1	98
30) Naphthalene	10.522	128	2660482	19.922	ng/u1	98
32) 4-Chloroaniline	10.634	127	1032136	20.012	ng/u1	99
33) Hexachlorobutadiene	10.805	225	452037	20.321	ng/u1	99
34) Caprolactam	11.399	113	231060	19.626	ng/u1	91
35) 4-Chloro-3-methylphenol	11.757	107	790671	20.029	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	1727554	19.768	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1727142	19.965	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.504	216	841789	20.753	ng/ul	96
40) Hexachlorocyclopentadiene	12.487	237	419186	17.240	ng/ul	98
41) 2,4,6-Trichlorophenol	12.752	196	521860	20.820	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	567480	20.914	ng/ul	95
43) 1,1'-Biphenyl	13.157	154	2155035	20.856	ng/ul	99
44) 2-Chloronaphthalene	13.199	162	1692836	20.691	ng/ul	99
45) 2-Nitroaniline	13.404	65	449125	20.969	ng/ul	99
47) Dimethylphthalate	13.793	163	1955543	21.217	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	387452	22.058	ng/ul	94
50) Acenaphthylene	14.051	152	2724443	20.848	ng/ul	99
51) 3-Nitroaniline	14.234	138	419400	21.036	ng/ul	98
52) Acenaphthene	14.393	153	1743383	20.590	ng/ul	94
53) 2,4-Dinitrophenol	14.440	184	129015	15.994	ng/ul	98
55) 4-Nitrophenol	14.540	109	240123	18.647	ng/ul	100
56) Dibenzofuran	14.728	168	2323018	20.551	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	500070	21.251	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	398101	20.197	ng/ul	98
59) Diethylphthalate	15.157	149	1874380	21.583	ng/ul	98
61) Fluorene	15.375	166	1810418	20.447	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	854649	20.050	ng/ul	94
63) 4-Nitroaniline	15.398	138	380449	21.277	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.457	198	206507	18.588	ng/ul	91
67) N-Nitrosodiphenylamine	15.593	169	1498865	21.730	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	505908	21.444	ng/ul	98
69) Hexachlorobenzene	16.375	284	551445	21.657	ng/ul	93
70) Atrazine	16.545	200	401120	21.607	ng/ul	99
71) Pentachlorophenol	16.716	266	278797	19.197	ng/ul	90
72) Phenanthrene	17.116	178	2473403	20.800	ng/ul	98
74) Anthracene	17.204	178	2460722	20.625	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.116	216	827937	22.227	ng/ul	99
76) Pentachlorobenzene	14.640	250	722161	21.410	ng/ul	99
77) Carbazole	17.475	167	2068150	20.314	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2587859	22.137	ng/ul	99
80) Fluoranthene	19.128	202	2272722	19.029	ng/ul	99
82) Pyrene	19.492	202	2268444	18.521	ng/ul	96
83) Butylbenzylphthalate	20.404	149	849916	20.446	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.210	252	578917	19.545	ng/ul	98
85) Benzo(a)anthracene	21.280	228	2126442	20.528	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.216	149	1187822	20.869	ng/ul	100
87) Chrysene	21.339	228	1958414	20.467	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1872806	17.225	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2136087	19.242	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	2133541	18.854	ng/ul	99
93) Benzo(a)pyrene	24.098	252	2111995	19.805	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	2625220	20.512	ng/ul	98
95) Dibenzo(a,h)anthracene	27.598	278	2186293	20.744	ng/ul	98
96) Benzo(g,h,i)perylene	28.557	276	2111397	19.968	ng/ul	95

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

