

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031753.D
 Acq On : 03 Jun 2024 10:40
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020270

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 13:15:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	610540	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2876046	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1850697	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	3539841	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2395722	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	2631219	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	102067	6.916	ng/uL	0.00
4) Pyridine-d5	3.593	84	786686	18.937	ng/u1	0.00
7) Phenol-d5	6.852	99	1041713	19.903	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	585199	19.115	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	791445	19.817	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	852994	19.993	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	423499	19.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	464065	20.429	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	826791	19.496	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	1188361	18.873	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2328410	18.059	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2797900	18.873	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	450347	17.445	ng/u1	0.00
60) Fluorene-d10	15.322	176	2029789	18.606	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	328235	18.447	ng/u1	0.00
73) Anthracene-d10	17.169	188	2845542	18.776	ng/u1	0.00
81) Pyrene-d10	19.469	212	2706111	21.108	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2325049	18.505	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	109636	6.943	ng/uL	99
5) Pyridine	3.616	79	779499	18.766	ng/u1	95
6) Benzaldehyde	6.834	77	391457	15.946	ng/u1	97
8) Phenol	6.881	94	1052713	19.763	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.116	93	856947	19.456	ng/u1	97
12) 2-Chlorophenol	7.246	128	825954	19.763	ng/u1	99
13) 2-Methylphenol	8.122	108	825500	20.065	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.204	45	949594	18.729	ng/u1	98
16) Acetophenone	8.504	105	1325319	20.497	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.493	70	645728	19.272	ng/u1	97
18) 4-Methylphenol	8.452	108	895351	20.076	ng/u1	100
19) Hexachloroethane	8.752	117	322058	18.198	ng/u1	93
22) Nitrobenzene	8.881	77	988869	18.874	ng/u1	97
23) Isophorone	9.404	82	1916105	17.828	ng/u1	99
25) 2-Nitrophenol	9.587	139	494594	19.929	ng/u1	97
26) 2,4-Dimethylphenol	9.646	107	896336	18.566	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.887	93	1219100	18.200	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	809575	19.334	ng/u1	99
30) Naphthalene	10.516	128	2795556	18.781	ng/u1	100
32) 4-Chloroaniline	10.628	127	1170786	19.152	ng/u1	99
33) Hexachlorobutadiene	10.793	225	469668	18.676	ng/u1	93
34) Caprolactam	11.410	113	341950m	20.922	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	943440	19.276	ng/u1	100
36) 2-Methylnaphthalene	12.134	142	1914142	18.814	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1910886	18.719	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	962337	19.662	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	737309	26.137	ng/ul	100
41) 2,4,6-Trichlorophenol	12.751	196	649519	19.551	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	719806	19.939	ng/ul	97
43) 1,1'-Biphenyl	13.157	154	2479610	19.048	ng/ul	97
44) 2-Chloronaphthalene	13.192	162	1985204	19.471	ng/ul	96
45) 2-Nitroaniline	13.404	65	563316	19.060	ng/ul	93
47) Dimethylphthalate	13.787	163	2438477	18.493	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	513592	19.595	ng/ul	100
50) Acenaphthylene	14.045	152	3240694	19.342	ng/ul	99
51) 3-Nitroaniline	14.234	138	513651	18.329	ng/ul	100
52) Acenaphthene	14.387	153	2090254	18.855	ng/ul	97
53) 2,4-Dinitrophenol	14.445	184	269203	20.345	ng/ul	96
55) 4-Nitrophenol	14.545	109	321686	16.798	ng/ul	100
56) Dibenzofuran	14.728	168	2825110	18.757	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	713319	18.548	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	565842	18.738	ng/ul	100
59) Diethylphthalate	15.157	149	2448257	17.994	ng/ul	99
61) Fluorene	15.375	166	2263724	18.664	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	1105393	18.817	ng/ul	99
63) 4-Nitroaniline	15.404	138	461678	17.306	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	352737	18.649	ng/ul	100
67) N-Nitrosodiphenylamine	15.586	169	1970350	20.194	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	685976	20.000	ng/ul	96
69) Hexachlorobenzene	16.375	284	741963	19.087	ng/ul	98
70) Atrazine	16.545	200	571664	18.556	ng/ul	96
71) Pentachlorophenol	16.722	266	443236	17.822	ng/ul	94
72) Phenanthrene	17.116	178	3406185	18.889	ng/ul	99
74) Anthracene	17.204	178	3467798	18.979	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.116	216	970083	21.291	ng/ul	98
76) Pentachlorobenzene	14.639	250	903244	20.353	ng/ul	96
77) Carbazole	17.480	167	3019097	19.378	ng/ul	98
78) Di-n-butylphthalate	18.045	149	4055639	18.921	ng/ul	100
80) Fluoranthene	19.133	202	3434051	22.414	ng/ul	99
82) Pyrene	19.498	202	3468804	22.067	ng/ul	98
83) Butylbenzylphthalate	20.410	149	1609900	21.683	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.221	252	855206	18.615	ng/ul	95
85) Benzo(a)anthracene	21.292	228	3097473	19.316	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	2332245	21.549	ng/ul	99
87) Chrysene	21.351	228	2867679	19.145	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	3736862	21.213	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2948311	18.746	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	2837615	18.387	ng/ul	99
93) Benzo(a)pyrene	24.110	252	2748281	18.658	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.551	276	3270817m	19.270	ng/ul	
95) Dibenzo(a,h)anthracene	27.615	278	2754840	19.879	ng/ul	97
96) Benzo(g,h,i)perylene	28.592	276	2616404	19.391	ng/ul	98

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

