

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024632.D
 Acq On : 30 Mar 2023 05:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020267

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

Quant Time: Mar 30 06:04:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 06:03:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	459061	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	2041874	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	1271158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2723437	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	2467871	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	2649158	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	99343	8.390	ng/uL	0.00
4) Pyridine-d5	3.793	84	750891	21.963	ng/u1	0.00
7) Phenol-d5	7.152	99	915559	21.074	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	597751	21.307	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	704300	21.867	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	726856	20.920	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	347843	21.526	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	390360	22.317	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	689794	21.713	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	1031955	21.289	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2087488	21.355	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	2421368	21.754	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	423450	20.697	ng/u1	0.00
60) Fluorene-d10	15.628	176	1796783	21.423	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	370260	20.641	ng/u1	0.00
73) Anthracene-d10	17.486	188	2729222	21.306	ng/u1	0.00
81) Pyrene-d10	19.775	212	3071872	21.528	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	2956786	22.027	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	105841	8.296	ng/uL	99
5) Pyridine	3.817	79	773805	21.744	ng/u1	95
6) Benzaldehyde	7.134	77	523412	26.396	ng/u1	98
8) Phenol	7.181	94	952224	21.115	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.416	93	758541	21.331	ng/u1	97
12) 2-Chlorophenol	7.558	128	723071	21.518	ng/u1	100
13) 2-Methylphenol	8.440	108	714191	21.207	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1354233	21.438	ng/u1	100
16) Acetophenone	8.828	105	1151965	21.239	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.816	70	610063	21.373	ng/u1	99
18) 4-Methylphenol	8.775	108	786293	21.030	ng/u1	99
19) Hexachloroethane	9.087	117	284082	21.405	ng/u1	91
22) Nitrobenzene	9.210	77	899138	21.421	ng/u1	99
23) Isophorone	9.740	82	1674605	21.464	ng/u1	98
25) 2-Nitrophenol	9.922	139	420149	22.095	ng/u1	99
26) 2,4-Dimethylphenol	9.981	107	850341	21.528	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.222	93	1045461	20.881	ng/u1	99
29) 2,4-Dichlorophenol	10.457	162	690642	21.433	ng/u1	96
30) Naphthalene	10.869	128	2406364	21.209	ng/u1	99
32) 4-Chloroaniline	10.975	127	1049310	21.376	ng/u1	98
33) Hexachlorobutadiene	11.151	225	403598	21.749	ng/u1	99
34) Caprolactam	11.751	113	228094m	20.468	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	798787	21.683	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	1607888	21.168	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	1615810	21.469	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	784927	20.831	ng/u1	97
40) Hexachlorocyclopentadiene	12.816	237	482995	20.369	ng/u1	99
41) 2,4,6-Trichlorophenol	13.075	196	563977	22.465	ng/u1	99
42) 2,4,5-Trichlorophenol	13.145	196	605331	21.939	ng/u1	98
43) 1,1'-Biphenyl	13.475	154	2174944	21.535	ng/u1	99
44) 2-Chloronaphthalene	13.516	162	1677802	21.280	ng/u1	99
45) 2-Nitroaniline	13.722	65	554705	22.644	ng/u1	95
47) Dimethylphthalate	14.092	163	2072838	20.882	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	423516	22.524	ng/u1	98
50) Acenaphthylene	14.363	152	2629276	21.575	ng/u1	98
51) 3-Nitroaniline	14.545	138	451204	22.576	ng/u1	97
52) Acenaphthene	14.704	153	1805557	21.262	ng/u1	96
53) 2,4-Dinitrophenol	14.745	184	245647	19.233	ng/u1	94
55) 4-Nitrophenol	14.845	109	336941	21.525	ng/u1	98
56) Dibenzofuran	15.040	168	2516659	21.297	ng/u1	99
57) 2,4-Dinitrotoluene	14.998	165	613521	22.272	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	500232	21.756	ng/u1	97
59) Diethylphthalate	15.457	149	2061649	21.224	ng/u1	99
61) Fluorene	15.687	166	2027652	21.400	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.675	204	959919	21.353	ng/u1	99
63) 4-Nitroaniline	15.710	138	464113	23.572	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.763	198	364465	20.546	ng/u1	99
67) N-Nitrosodiphenylamine	15.892	169	1730989	21.255	ng/u1	99
68) 4-Bromophenyl-phenylether	16.569	248	574666	21.141	ng/u1	92
69) Hexachlorobenzene	16.692	284	684834	21.408	ng/u1	95
70) Atrazine	16.839	200	596224	21.428	ng/u1	97
71) Pentachlorophenol	17.034	266	412900	21.114	ng/u1	97
72) Phenanthrene	17.428	178	3246793	21.275	ng/u1	98
74) Anthracene	17.522	178	3292195	21.473	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	826387	21.224	ng/u1	96
76) Pentachlorobenzene	14.957	250	796930	21.071	ng/u1	92
77) Carbazole	17.792	167	3018674	21.898	ng/u1	99
78) Di-n-butylphthalate	18.345	149	3449884	22.085	ng/u1	100
80) Fluoranthene	19.439	202	3639659	21.509	ng/u1	100
82) Pyrene	19.804	202	3869368	21.691	ng/u1	98
83) Butylbenzylphthalate	20.692	149	1524414	22.443	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.486	252	1262249	21.881	ng/u1	96
85) Benzo(a)anthracene	21.557	228	3712829	21.297	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	2193712	23.164	ng/u1	99
87) Chrysene	21.616	228	3535559	21.433	ng/u1	99
89) Di-n-octyl phthalate	22.427	149	3740601	23.309	ng/u1	100
90) Benzo(b)fluoranthene	23.292	252	3711221	21.394	ng/u1	96
91) Benzo(k)fluoranthene	23.339	252	3676226	22.199	ng/u1	99
93) Benzo(a)pyrene	23.939	252	3248792	21.387	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.627	276	3839689	19.836	ng/u1	99
95) Dibenzo(a,h)anthracene	26.645	278	3136107	19.535	ng/u1	100
96) Benzo(g,h,i)perylene	27.421	276	3074106	19.113	ng/u1	99

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

