

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031866.D
 Acq On : 08 Jun 2024 20:27
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020281

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 06:22:27 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	7.669	152	484244	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	2071102	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1241607	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2287577	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1508916	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1762552	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	79091	6.757	ng/uL	-0.01
4) Pyridine-d5	3.587	84	587834	17.841	ng/u1	-0.01
7) Phenol-d5	6.852	99	794221	19.132	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	429066	17.670	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	635634	20.067	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	633456	18.719	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	319266	20.161	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	353856	21.632	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	613765	20.098	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	828685	18.276	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	1616846	18.692	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	1993175	20.040	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	313536	18.104	ng/u1	0.00
60) Fluorene-d10	15.310	176	1430805	19.550	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	199005	17.307	ng/u1	0.00
73) Anthracene-d10	17.163	188	1958317	19.996	ng/u1	0.00
81) Pyrene-d10	19.463	212	1789539	22.163	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1639931	19.485	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.217	88	83884	6.698	ng/uL	98
5) Pyridine	3.611	79	576981	17.513	ng/u1	96
6) Benzaldehyde	6.822	77	351984	18.077	ng/u1	99
8) Phenol	6.875	94	809563	19.162	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.105	93	632773	18.113	ng/u1	98
12) 2-Chlorophenol	7.240	128	656101	19.793	ng/u1	98
13) 2-Methylphenol	8.116	108	614158	18.821	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.193	45	714957	17.779	ng/u1	99
16) Acetophenone	8.493	105	941002	18.349	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.481	70	450742	16.961	ng/u1	97
18) 4-Methylphenol	8.446	108	659280	18.638	ng/u1	98
19) Hexachloroethane	8.740	117	256048	18.241	ng/u1	93
22) Nitrobenzene	8.869	77	725025	19.217	ng/u1	96
23) Isophorone	9.399	82	1300491	16.803	ng/u1	98
25) 2-Nitrophenol	9.575	139	372751	20.857	ng/u1	99
26) 2,4-Dimethylphenol	9.640	107	640114	18.412	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.875	93	827732	17.160	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	597181	19.805	ng/u1	96
30) Naphthalene	10.504	128	2078823	19.394	ng/u1	99
32) 4-Chloroaniline	10.622	127	807506	18.344	ng/u1	96
33) Hexachlorobutadiene	10.781	225	361484	19.960	ng/u1	95
34) Caprolactam	11.410	113	214049m	18.186	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	663606	18.828	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	1381296	18.853	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	1390246	18.912	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.493	216	695873	21.192	ng/ul	99
40) Hexachlorocyclopentadiene	12.463	237	196215	10.368	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	469814	21.080	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	510175	21.065	ng/ul	98
43) 1,1'-Biphenyl	13.145	154	1716350	19.653	ng/ul	96
44) 2-Chloronaphthalene	13.187	162	1403553	20.519	ng/ul	99
45) 2-Nitroaniline	13.398	65	402675	20.309	ng/ul	96
47) Dimethylphthalate	13.781	163	1657089	18.732	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	360026	20.475	ng/ul	100
50) Acenaphthylene	14.040	152	2254022	20.053	ng/ul	99
51) 3-Nitroaniline	14.234	138	404539	21.518	ng/ul	94
52) Acenaphthene	14.381	153	1458245	19.607	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	159818	18.004	ng/ul	97
55) 4-Nitrophenol	14.551	109	257550	20.047	ng/ul	94
56) Dibenzofuran	14.716	168	1971223	19.508	ng/ul	97
57) 2,4-Dinitrotoluene	14.692	165	506294	19.623	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	404921	19.987	ng/ul	98
59) Diethylphthalate	15.145	149	1644967	18.021	ng/ul	99
61) Fluorene	15.369	166	1593304	19.581	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.363	204	769029	19.513	ng/ul	100
63) 4-Nitroaniline	15.398	138	389734	21.776	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	210638	17.232	ng/ul	95
67) N-Nitrosodiphenylamine	15.581	169	1365518	21.656	ng/ul	98
68) 4-Bromophenyl-phenylether	16.257	248	487647	22.001	ng/ul	94
69) Hexachlorobenzene	16.363	284	535206	21.305	ng/ul	94
70) Atrazine	16.539	200	389069	19.542	ng/ul	99
71) Pentachlorophenol	16.716	266	298523	18.574	ng/ul	96
72) Phenanthrene	17.110	178	2337671	20.060	ng/ul	97
74) Anthracene	17.198	178	2349316	19.896	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.104	216	685841	23.293	ng/ul	99
76) Pentachlorobenzene	14.634	250	648289	22.605	ng/ul	95
77) Carbazole	17.475	167	2045579	20.317	ng/ul	98
78) Di-n-butylphthalate	18.033	149	2708677	19.554	ng/ul	99
80) Fluoranthene	19.127	202	2198263	22.780	ng/ul	98
82) Pyrene	19.492	202	2188758	22.107	ng/ul	98
83) Butylbenzylphthalate	20.398	149	985451	21.073	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.210	252	495842	17.136	ng/ul	95
85) Benzo(a)anthracene	21.280	228	1982228	19.626	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.210	149	1383559	20.297	ng/ul	98
87) Chrysene	21.345	228	1814399	19.233	ng/ul	98
89) Di-n-octyl phthalate	22.321	149	2186273	18.528	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	1932322	18.342	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	1995120	19.299	ng/ul	98
93) Benzo(a)pyrene	24.104	252	1895429	19.209	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	2334237	20.529	ng/ul	99
95) Dibenzo(a,h)anthracene	27.604	278	1939778	20.896	ng/ul	98
96) Benzo(g,h,i)perylene	28.586	276	1876567	20.762	ng/ul	98

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

