

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031733.D
 Acq On : 31 May 2024 03:29
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020267

Quant Time: May 31 05:35:11 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	510572	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2406168	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1550667	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	3196094	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2360229	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	2036718	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	94133	7.627	ng/uL	0.00
4) Pyridine-d5	3.593	84	713479	20.537	ng/u1	0.00
7) Phenol-d5	6.852	99	921550	21.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	528675	20.649	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	706813	21.164	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	757319	21.226	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	380333	20.673	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	411236	21.639	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	725793	20.457	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1064056	20.199	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2160240	19.997	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2562544	20.630	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	438235	20.261	ng/u1	0.00
60) Fluorene-d10	15.322	176	1850457	20.245	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	316137	19.679	ng/u1	0.01
73) Anthracene-d10	17.175	188	2815466	20.576	ng/u1	0.00
81) Pyrene-d10	19.469	212	3022955	23.934	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1933490	19.881	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	101412	7.680	ng/uL	99
5) Pyridine	3.611	79	699510	20.138	ng/u1	99
6) Benzaldehyde	6.834	77	507680	24.729	ng/u1	99
8) Phenol	6.881	94	935117	20.992	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.116	93	775629	21.057	ng/u1	98
12) 2-Chlorophenol	7.246	128	734549	21.017	ng/u1	99
13) 2-Methylphenol	8.122	108	734485	21.348	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	868061	20.473	ng/u1	98
16) Acetophenone	8.505	105	1179182	21.807	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	586138	20.919	ng/u1	98
18) 4-Methylphenol	8.452	108	794132	21.293	ng/u1	99
19) Hexachloroethane	8.752	117	306621	20.718	ng/u1	98
22) Nitrobenzene	8.881	77	873378	19.925	ng/u1	96
23) Isophorone	9.404	82	1754751	19.515	ng/u1	100
25) 2-Nitrophenol	9.587	139	439053	21.146	ng/u1	99
26) 2,4-Dimethylphenol	9.652	107	814770	20.172	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.893	93	1100559	19.639	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	725378	20.706	ng/u1	99
30) Naphthalene	10.516	128	2478541	19.903	ng/u1	99
32) 4-Chloroaniline	10.634	127	1047638	20.484	ng/u1	99
33) Hexachlorobutadiene	10.799	225	414720	19.711	ng/u1	99
34) Caprolactam	11.404	113	270127m	19.755	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	833922	20.366	ng/u1	96
36) 2-Methylnaphthalene	12.134	142	1712409	20.118	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1711075	20.035	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	854731	20.842	ng/ul	100
40) Hexachlorocyclopentadiene	12.481	237	424098	17.943	ng/ul	97
41) 2,4,6-Trichlorophenol	12.751	196	586882	21.084	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	625259	20.671	ng/ul	96
43) 1,1'-Biphenyl	13.157	154	2217562	20.331	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	1748070	20.463	ng/ul	98
45) 2-Nitroaniline	13.410	65	511831	20.669	ng/ul	92
47) Dimethylphthalate	13.793	163	2217480	20.071	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	460092	20.951	ng/ul	99
50) Acenaphthylene	14.045	152	2895285	20.624	ng/ul	99
51) 3-Nitroaniline	14.240	138	524267	22.328	ng/ul	93
52) Acenaphthene	14.392	153	1889570	20.343	ng/ul	97
53) 2,4-Dinitrophenol	14.445	184	208200	18.779	ng/ul	96
55) 4-Nitrophenol	14.545	109	319248	19.897	ng/ul	96
56) Dibenzofuran	14.728	168	2585037	20.484	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	676083	20.981	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.957	232	523144	20.676	ng/ul	96
59) Diethylphthalate	15.157	149	2263218	19.852	ng/ul	100
61) Fluorene	15.375	166	2086525	20.532	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	1020542	20.734	ng/ul	100
63) 4-Nitroaniline	15.404	138	541930	24.245	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	344253	20.157	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	1806366	20.504	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	652032	21.055	ng/ul	97
69) Hexachlorobenzene	16.375	284	724521	20.643	ng/ul	98
70) Atrazine	16.545	200	573069	20.602	ng/ul	100
71) Pentachlorophenol	16.722	266	452779	20.163	ng/ul	97
72) Phenanthrene	17.116	178	3320367	20.394	ng/ul	100
74) Anthracene	17.210	178	3404048	20.634	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	863174	20.983	ng/ul	97
76) Pentachlorobenzene	14.640	250	839463	20.950	ng/ul	99
77) Carbazole	17.481	167	3142661	22.340	ng/ul	98
78) Di-n-butylphthalate	18.051	149	4021460	20.779	ng/ul	99
80) Fluoranthene	19.133	202	3732390	24.727	ng/ul	99
82) Pyrene	19.498	202	3753698	24.238	ng/ul	99
83) Butylbenzylphthalate	20.410	149	1770538	24.206	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.216	252	937265	20.708	ng/ul	95
85) Benzo(a)anthracene	21.292	228	3251228	20.580	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.222	149	2531101	23.738	ng/ul	99
87) Chrysene	21.351	228	2942435	19.940	ng/ul	97
89) Di-n-octyl phthalate	22.333	149	4172190	30.598	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2550630	20.952	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	2521966	21.112	ng/ul	99
93) Benzo(a)pyrene	24.104	252	2272485	19.931	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.556	276	2585155	19.676	ng/ul	98
95) Dibenzo(a,h)anthracene	27.621	278	2156191m	20.101	ng/ul	
96) Benzo(g,h,i)perylene	28.592	276	2082959m	19.943	ng/ul	

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

