

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031811.D
 Acq On : 05 Jun 2024 22:23
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020275

Quant Time: Jun 06 00:38:16 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 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	367845	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	1757902	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	1165465	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2481456	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2488416	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2889128	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	57958	6.518	ng/uL	-0.01
4) Pyridine-d5	3.587	84	456318	18.231	ng/u1	-0.01
7) Phenol-d5	6.846	99	625707	19.842	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	341923	18.537	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	461501	19.180	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	507561	19.745	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	251367	18.702	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	270724	19.499	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	479793	18.510	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	735940	19.123	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	1461924	18.005	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	1729057	18.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	325533	20.025	ng/u1	0.00
60) Fluorene-d10	15.310	176	1269666	18.482	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	244524	19.604	ng/u1	0.00
73) Anthracene-d10	17.163	188	1981928	18.656	ng/u1	0.00
81) Pyrene-d10	19.463	212	2385737	17.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2491802	18.062	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	60581	6.368	ng/uL	99
5) Pyridine	3.605	79	457981	18.300	ng/u1	98
6) Benzaldehyde	6.822	77	254093	17.179	ng/u1	99
8) Phenol	6.869	94	639996	19.942	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.105	93	502434	18.933	ng/u1	95
12) 2-Chlorophenol	7.240	128	482603	19.166	ng/u1	99
13) 2-Methylphenol	8.116	108	483116	19.490	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.199	45	555260	18.177	ng/u1	98
16) Acetophenone	8.493	105	789707	20.271	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.481	70	389320	19.286	ng/u1	97
18) 4-Methylphenol	8.440	108	537036	19.987	ng/u1	99
19) Hexachloroethane	8.740	117	192507	18.054	ng/u1	95
22) Nitrobenzene	8.869	77	586078	18.302	ng/u1	98
23) Isophorone	9.393	82	1168764	17.792	ng/u1	100
25) 2-Nitrophenol	9.575	139	291138	19.193	ng/u1	98
26) 2,4-Dimethylphenol	9.640	107	526714	17.849	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.875	93	715184	17.469	ng/u1	99
29) 2,4-Dichlorophenol	10.105	162	482926	18.869	ng/u1	97
30) Naphthalene	10.505	128	1674283	18.403	ng/u1	99
32) 4-Chloroaniline	10.622	127	715336	19.145	ng/u1	97
33) Hexachlorobutadiene	10.781	225	280027	18.217	ng/u1	93
34) Caprolactam	11.399	113	205989m	20.620	ng/u1	
35) 4-Chloro-3-methylphenol	11.752	107	568873	19.016	ng/u1	98
36) 2-Methylnaphthalene	12.122	142	1154579	18.566	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	1149880	18.429	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.493	216	571997	18.558	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	440132	24.776	ng/ul	94
41) 2,4,6-Trichlorophenol	12.740	196	397443	18.998	ng/ul	97
42) 2,4,5-Trichlorophenol	12.810	196	434071	19.093	ng/ul	95
43) 1,1'-Biphenyl	13.146	154	1509511	18.414	ng/ul	98
44) 2-Chloronaphthalene	13.187	162	1183844	18.438	ng/ul	99
45) 2-Nitroaniline	13.398	65	349901	18.800	ng/ul	91
47) Dimethylphthalate	13.781	163	1513619	18.228	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	316245	19.160	ng/ul	99
50) Acenaphthylene	14.040	152	1976959	18.737	ng/ul	99
51) 3-Nitroaniline	14.228	138	328852	18.635	ng/ul	99
52) Acenaphthene	14.381	153	1294631	18.545	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	232148	27.860	ng/ul	97
55) 4-Nitrophenol	14.540	109	289423	24.000	ng/ul	96
56) Dibenzofuran	14.716	168	1762429	18.581	ng/ul	97
57) 2,4-Dinitrotoluene	14.693	165	476217	19.663	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.945	232	364463	19.166	ng/ul	99
59) Diethylphthalate	15.151	149	1543120	18.009	ng/ul	100
61) Fluorene	15.369	166	1438729	18.837	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	696934	18.839	ng/ul	99
63) 4-Nitroaniline	15.393	138	336907	20.054	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	266532	20.101	ng/ul	98
67) N-Nitrosodiphenylamine	15.581	169	1254129	18.336	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	434608	18.076	ng/ul	97
69) Hexachlorobenzene	16.369	284	503748	18.486	ng/ul	97
70) Atrazine	16.540	200	383178	17.743	ng/ul	99
71) Pentachlorophenol	16.716	266	334027	19.159	ng/ul	92
72) Phenanthrene	17.104	178	2338392	18.499	ng/ul	98
74) Anthracene	17.198	178	2444572	19.085	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	572793	17.934	ng/ul	97
76) Pentachlorobenzene	14.634	250	574170	18.456	ng/ul	96
77) Carbazole	17.469	167	2263345	20.723	ng/ul	98
78) Di-n-butylphthalate	18.039	149	2740452	18.238	ng/ul	100
80) Fluoranthene	19.128	202	2828189	17.772	ng/ul	99
82) Pyrene	19.492	202	2947753	18.054	ng/ul	98
83) Butylbenzylphthalate	20.398	149	1342473	17.408	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.210	252	951372	19.937	ng/ul	94
85) Benzo(a)anthracene	21.280	228	3094648	18.580	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	1894917	16.856	ng/ul	97
87) Chrysene	21.345	228	2867796	18.433	ng/ul	98
89) Di-n-octyl phthalate	22.322	149	3495244	18.071	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3188182	18.462	ng/ul	100
91) Benzo(k)fluoranthene	23.369	252	3021376	17.830	ng/ul	99
93) Benzo(a)pyrene	24.098	252	2865710	17.718	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	3102646m	16.647	ng/ul	
95) Dibenzo(a,h)anthracene	27.598	278	2690224	17.680	ng/ul	97
96) Benzo(g,h,i)perylene	28.568	276	2441191	16.477	ng/ul	98

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

