

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
 Data File : BN034276.D
 Acq On : 30 Sep 2024 13:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020321

Quant Time: Sep 30 15:24:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024
 Supervised By :mohammad ahmed 10/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	219792	20.000	ng/ul	0.00
20) Naphthalene-d8	10.140	136	870254	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	525389	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1020922	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	892748	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1021122	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	41973	7.793	ng/uL	0.00
4) Pyridine-d5	3.387	84	257465	16.082	ng/ul	0.00
7) Phenol-d5	6.581	99	328321	16.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	221081	18.267	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	298319	19.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	260804	16.249	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	138168	19.919	ng/ul	0.00
24) 2-Nitrophenol-d4	9.240	143	135103	18.941	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	269429	20.057	ng/ul	0.00
31) 4-Chloroaniline-d4	10.293	131	351616	17.290	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	720004	18.337	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	855236	19.362	ng/ul	0.00
54) 4-Nitrophenol-d4	14.275	143	119306	14.806	ng/ul	0.00
60) Fluorene-d10	15.045	176	627021	18.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	100086	16.442	ng/ul	0.00
73) Anthracene-d10	16.898	188	934519	19.470	ng/ul	0.00
81) Pyrene-d10	19.210	212	1038434	20.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1055548	20.124	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.034	88	44049	7.753	ng/uL	94
5) Pyridine	3.405	79	270051	16.484	ng/ul	96
6) Benzaldehyde	6.546	77	212137	20.602	ng/ul	96
8) Phenol	6.611	94	343022	16.890	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.834	93	290036	18.375	ng/ul	99
12) 2-Chlorophenol	6.958	128	300750	19.113	ng/ul	96
13) 2-Methylphenol	7.840	108	258506	17.030	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	7.910	45	436508	18.751	ng/ul	98
16) Acetophenone	8.205	105	413254	16.253	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.199	70	199033	15.808	ng/ul	96
18) 4-Methylphenol	8.163	108	279957	16.571	ng/ul	98
19) Hexachloroethane	8.440	117	128556	19.370	ng/ul	92
22) Nitrobenzene	8.569	77	329185	18.961	ng/ul	97
23) Isophorone	9.099	82	534788	16.704	ng/ul	98
25) 2-Nitrophenol	9.275	139	153421	19.219	ng/ul	93
26) 2,4-Dimethylphenol	9.352	107	295002	17.962	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.587	93	372254	18.897	ng/ul	98
29) 2,4-Dichlorophenol	9.804	162	271337	19.949	ng/ul	97
30) Naphthalene	10.193	128	919538	19.317	ng/ul	99
32) 4-Chloroaniline	10.316	127	341165	17.024	ng/ul	100
33) Hexachlorobutadiene	10.487	225	182285	20.890	ng/ul	97
34) Caprolactam	11.087	113	68557m	12.660	ng/ul	
35) 4-Chloro-3-methylphenol	11.451	107	261925	16.357	ng/ul	93
36) 2-Methylnaphthalene	11.816	142	620347	18.919	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.040	142	616536	18.576	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.198	216	323941	21.357	ng/ul	99
40) Hexachlorocyclopentadiene	12.181	237	213984	22.929	ng/ul	98
41) 2,4,6-Trichlorophenol	12.451	196	188192	18.716	ng/ul	97
42) 2,4,5-Trichlorophenol	12.522	196	229444	20.774	ng/ul	98
43) 1,1'-Biphenyl	12.863	154	789423	19.930	ng/ul	99
44) 2-Chloronaphthalene	12.898	162	613485	19.882	ng/ul	96
45) 2-Nitroaniline	13.116	65	160775	16.124	ng/ul	94
47) Dimethylphthalate	13.516	163	731663	18.284	ng/ul	99
48) 2,6-Dinitrotoluene	13.634	165	145082	18.412	ng/ul	94
50) Acenaphthylene	13.757	152	929434	19.229	ng/ul	99
51) 3-Nitroaniline	13.957	138	149497	17.168	ng/ul	94
52) Acenaphthene	14.104	153	662318	19.194	ng/ul	99
53) 2,4-Dinitrophenol	14.169	184	74283	16.027	ng/ul	89
55) 4-Nitrophenol	14.287	109	93371	13.644	ng/ul	90
56) Dibenzofuran	14.445	168	886819	18.793	ng/ul	100
57) 2,4-Dinitrotoluene	14.428	165	208526	17.554	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.681	232	171635	18.727	ng/ul	99
59) Diethylphthalate	14.898	149	727711	17.402	ng/ul	98
61) Fluorene	15.098	166	721915	18.702	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.104	204	348575	18.630	ng/ul	98
63) 4-Nitroaniline	15.134	138	141540m	15.795	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.192	198	116023	17.164	ng/ul	96
67) N-Nitrosodiphenylamine	15.322	169	617012	20.169	ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	214624	20.703	ng/ul	96
69) Hexachlorobenzene	16.104	284	250108	20.786	ng/ul	97
70) Atrazine	16.292	200	207612	18.730	ng/ul	100
71) Pentachlorophenol	16.457	266	148640	18.547	ng/ul	96
72) Phenanthrene	16.839	178	1104082	19.613	ng/ul	99
74) Anthracene	16.934	178	1097342	19.090	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.822	216	329442	23.186	ng/uL	96
76) Pentachlorobenzene	14.363	250	317077	21.917	ng/uL	99
77) Carbazole	17.210	167	1003270	18.963	ng/ul	99
78) Di-n-butylphthalate	17.798	149	1211259	18.010	ng/ul	99
80) Fluoranthene	18.869	202	1225338	21.072	ng/ul	99
82) Pyrene	19.239	202	1319425	21.106	ng/ul	95
83) Butylbenzylphthalate	20.180	149	507155	18.090	ng/ul	95
84) 3,3'-Dichlorobenzidine	20.957	252	362213	18.063	ng/ul	97
85) Benzo(a)anthracene	21.016	228	1244364	19.549	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.980	149	783981	19.106	ng/ul	98
87) Chrysene	21.074	228	1193565	19.652	ng/ul	99
89) Di-n-octyl phthalate	22.021	149	1248656	18.377	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1244674	19.992	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	1268945	20.661	ng/ul	100
93) Benzo(a)pyrene	23.616	252	1178609	20.040	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.739	276	1511673	20.745	ng/ul	97
95) Dibenzo(a,h)anthracene	26.792	278	1228469	20.856	ng/ul	98
96) Benzo(g,h,i)perylene	27.662	276	1162442	20.549	ng/ul	99

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

