

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN031042.D
 Acq On : 19 Apr 2024 14:16
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020367

Quant Time: Apr 19 14:49:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 22:24:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	112296	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	536823	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	383977	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	862452	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	970939	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1324150	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	20582	8.593	ng/uL	0.00
4) Pyridine-d5	3.558	84	144315	20.096	ng/u1	0.00
7) Phenol-d5	6.811	99	200416	22.062	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	114668	20.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	158332	22.976	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	168218	22.095	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	83240	22.353	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	86542	25.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	166740	22.357	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	263033	21.423	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	554601	21.633	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	643562	21.833	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	115276	23.508	ng/u1	0.00
60) Fluorene-d10	15.281	176	498779	22.233	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	89226	23.439	ng/u1	0.00
73) Anthracene-d10	17.134	188	812848	21.874	ng/u1	0.00
81) Pyrene-d10	19.433	212	1022945	19.596	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1324847	21.714	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	21179	8.255	ng/uL	93
5) Pyridine	3.575	79	145541	20.085	ng/u1	96
6) Benzaldehyde	6.787	77	117318m	27.732	ng/u1	
8) Phenol	6.840	94	207145	21.889	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.075	93	165808	21.486	ng/u1	98
12) 2-Chlorophenol	7.205	128	165391	22.373	ng/u1	96
13) 2-Methylphenol	8.081	108	160974	22.074	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.158	45	215431	19.825	ng/u1	96
16) Acetophenone	8.457	105	263239	21.899	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.440	70	134016	22.136	ng/u1	97
18) 4-Methylphenol	8.405	108	177943	21.797	ng/u1	94
19) Hexachloroethane	8.705	117	67747	21.858	ng/u1	95
22) Nitrobenzene	8.834	77	192530	21.179	ng/u1	98
23) Isophorone	9.357	82	398230	21.966	ng/u1	98
25) 2-Nitrophenol	9.540	139	98272	24.545	ng/u1	97
26) 2,4-Dimethylphenol	9.599	107	194556	21.863	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	237797	20.630	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	169323	22.243	ng/u1	98
30) Naphthalene	10.469	128	582249	21.148	ng/u1	100
32) 4-Chloroaniline	10.587	127	255753	21.614	ng/u1	98
33) Hexachlorobutadiene	10.746	225	101834	21.253	ng/u1	96
34) Caprolactam	11.363	113	66372m	23.338	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	197910	23.083	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	411510	21.402	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	421753	21.608	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	210707	21.264	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	112338	19.962	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	140791	22.737	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	158753	22.701	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	550619	21.039	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	432656	21.000	ng/ul	96
45) 2-Nitroaniline	13.369	65	127324	23.222	ng/ul	99
47) Dimethylphthalate	13.745	163	576115	21.755	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	112399	22.892	ng/ul	97
50) Acenaphthylene	14.004	152	742026	21.788	ng/ul	100
51) 3-Nitroaniline	14.198	138	131415	25.216	ng/ul	99
52) Acenaphthene	14.345	153	494686	21.796	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	52931	23.471	ng/ul	91
55) 4-Nitrophenol	14.510	109	94215	24.250	ng/ul	95
56) Dibenzofuran	14.687	168	685626	21.732	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	172911	24.121	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	141608	24.382	ng/ul	97
59) Diethylphthalate	15.122	149	598914	22.262	ng/ul	99
61) Fluorene	15.334	166	560489	22.351	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	271812	22.093	ng/ul	98
63) 4-Nitroaniline	15.369	138	148290	29.268	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	95852	23.433	ng/ul	93
67) N-Nitrosodiphenylamine	15.551	169	491969	20.946	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	174836	21.348	ng/ul	95
69) Hexachlorobenzene	16.334	284	199597	20.698	ng/ul	98
70) Atrazine	16.510	200	178331	21.905	ng/ul	95
71) Pentachlorophenol	16.681	266	127433	22.412	ng/ul	96
72) Phenanthrene	17.075	178	946818	21.368	ng/ul	98
74) Anthracene	17.163	178	979035	21.856	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	212840	20.088	ng/uL	96
76) Pentachlorobenzene	14.598	250	220227	20.463	ng/uL	96
77) Carbazole	17.439	167	929601	23.664	ng/ul	100
78) Di-n-butylphthalate	18.010	149	1123726	23.449	ng/ul	100
80) Fluoranthene	19.098	202	1214338	19.569	ng/ul	100
82) Pyrene	19.463	202	1279870	19.529	ng/ul	100
83) Butylbenzylphthalate	20.375	149	587849	23.488	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.186	252	467822	26.222	ng/ul	98
85) Benzo(a)anthracene	21.251	228	1396822	21.556	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	884718	23.971	ng/ul	98
87) Chrysene	21.310	228	1333157	21.797	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1687164	20.120	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1577143	20.238	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	1576354	19.918	ng/ul	98
93) Benzo(a)pyrene	24.039	252	1559094	21.179	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.427	276	1923964	24.178	ng/ul	99
95) Dibenzo(a,h)anthracene	27.486	278	1611753	24.059	ng/ul	97
96) Benzo(g,h,i)perylene	28.439	276	1555364	24.897	ng/ul	97

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

