

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
 Data File : BN031113.D
 Acq On : 21 Apr 2024 18:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020372

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 22:34:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	152897	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	714102	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	477235	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1079438	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1249276	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1563288	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	27391	8.370	ng/uL	0.00
4) Pyridine-d5	3.552	84	206911	21.954	ng/u1	0.00
7) Phenol-d5	6.805	99	271463	21.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	162069	21.597	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	215638	21.473	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	222776	20.538	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	110499	21.537	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	115076	21.577	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	228039	21.682	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	342901	20.863	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	699842	21.073	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	827665	21.993	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	150154	21.663	ng/u1	0.00
60) Fluorene-d10	15.275	176	632496	21.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	103616	19.026	ng/u1	0.00
73) Anthracene-d10	17.127	188	1037696	22.179	ng/u1	0.00
81) Pyrene-d10	19.433	212	1314634	21.415	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1630534	21.995	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.181	88	30180	8.702	ng/uL	96
5) Pyridine	3.569	79	213321	22.430	ng/u1	98
6) Benzaldehyde	6.787	77	160914	25.409	ng/u1	97
8) Phenol	6.834	94	285229	21.450	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	224259	21.374	ng/u1	100
12) 2-Chlorophenol	7.199	128	228255	21.866	ng/u1	100
13) 2-Methylphenol	8.075	108	213514	20.720	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.151	45	299108	21.866	ng/u1	99
16) Acetophenone	8.451	105	356338	21.203	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.440	70	172507	20.593	ng/u1	98
18) 4-Methylphenol	8.399	108	239171	20.720	ng/u1	98
19) Hexachloroethane	8.699	117	94350	21.782	ng/u1	94
22) Nitrobenzene	8.828	77	268980	22.212	ng/u1	98
23) Isophorone	9.351	82	502947	20.352	ng/u1	100
25) 2-Nitrophenol	9.534	139	130613	22.135	ng/u1	96
26) 2,4-Dimethylphenol	9.598	107	244162	20.289	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	316704	21.099	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	226920	21.601	ng/u1	100
30) Naphthalene	10.463	128	799688	21.608	ng/u1	99
32) 4-Chloroaniline	10.581	127	337583	21.139	ng/u1	98
33) Hexachlorobutadiene	10.740	225	136710	21.348	ng/u1	99
34) Caprolactam	11.357	113	78479	18.961	ng/u1	95
35) 4-Chloro-3-methylphenol	11.704	107	251806	20.674	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	542572	20.789	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	557917	21.127	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	278260	22.283	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	131697	19.199	ng/ul	93
41) 2,4,6-Trichlorophenol	12.698	196	182268	21.928	ng/ul	91
42) 2,4,5-Trichlorophenol	12.769	196	202639	21.988	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	729635	22.230	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	580520	22.134	ng/ul	98
45) 2-Nitroaniline	13.363	65	163087	22.524	ng/ul	97
47) Dimethylphthalate	13.745	163	723034	21.104	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	141125	21.944	ng/ul	94
50) Acenaphthylene	13.998	152	973190	22.138	ng/ul	99
51) 3-Nitroaniline	14.192	138	166521	22.554	ng/ul	95
52) Acenaphthene	14.345	153	638425	21.908	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	61948	17.033	ng/ul	97
55) 4-Nitrophenol	14.504	109	121831	21.658	ng/ul	97
56) Dibenzofuran	14.681	168	874477	21.704	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	218612	22.371	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	169066	21.227	ng/ul	95
59) Diethylphthalate	15.116	149	752341	21.353	ng/ul	99
61) Fluorene	15.333	166	713881	21.530	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.333	204	344785	21.831	ng/ul	98
63) 4-Nitroaniline	15.363	138	186302	23.404	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.416	198	116105	19.855	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	627333	21.683	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	213494	20.914	ng/ul	94
69) Hexachlorobenzene	16.328	284	262377	22.295	ng/ul	99
70) Atrazine	16.504	200	219442	21.603	ng/ul	100
71) Pentachlorophenol	16.675	266	160406	20.979	ng/ul	98
72) Phenanthrene	17.075	178	1242321	21.759	ng/ul	100
74) Anthracene	17.163	178	1265511	21.903	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.069	216	281797	22.257	ng/ul	98
76) Pentachlorobenzene	14.598	250	281811	21.554	ng/ul	93
77) Carbazole	17.439	167	1210521	22.936	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1402292	21.798	ng/ul	100
80) Fluoranthene	19.098	202	1563785	21.523	ng/ul	99
82) Pyrene	19.463	202	1655794	21.690	ng/ul	99
83) Butylbenzylphthalate	20.374	149	718258	21.323	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.180	252	583030	22.398	ng/ul	92
85) Benzo(a)anthracene	21.245	228	1837782	21.663	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	1075061	21.257	ng/ul	99
87) Chrysene	21.310	228	1750432	21.737	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	1996133	22.152	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	2006295	22.809	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	1984220	22.429	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1896471	21.612	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.421	276	2228932m	20.470	ng/ul	
95) Dibenzo(a,h)anthracene	27.474	278	1841352	20.603	ng/ul	96
96) Benzo(g,h,i)perylene	28.439	276	1737488	19.815	ng/ul	99

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

