

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050222\
 Data File : BN019622.D
 Acq On : 02 May 2022 16:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020307

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022
 Supervised By :Yogesh Patel 05/09/2022

Quant Time: May 03 03:57:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 03:31:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	155216	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	641420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	366744	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	712687	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	673708	20.000	ng/u1	0.00
88) Perylene-d12	23.763	264	670874	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	35253	8.571	ng/uL	0.00
4) Pyridine-d5	3.746	84	226334	21.731	ng/u1	0.00
7) Phenol-d5	7.034	99	292395	21.738	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	174065	22.310	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	234632	21.991	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	222118	21.556	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	111356	23.811	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	108644	23.573	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	209158	22.671	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	316322	22.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.899	166	559810	22.224	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	756785	22.220	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	109641	22.380	ng/u1	0.00
60) Fluorene-d10	15.481	176	493948	22.213	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	72335	19.881	ng/u1	0.00
73) Anthracene-d10	17.328	188	748764	22.309	ng/u1	0.00
81) Pyrene-d10	19.616	212	834901	21.555	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.610	264	792705	23.115	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	36148	8.618	ng/uL	98
5) Pyridine	3.764	79	238387	21.721	ng/u1	96
6) Benzaldehyde	7.011	77	164382	23.844	ng/u1	92
8) Phenol	7.058	94	297247	21.961	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.293	93	228156	21.725	ng/u1	98
12) 2-Chlorophenol	7.434	128	243867	22.507	ng/u1	99
13) 2-Methylphenol	8.311	108	215072	21.460	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	355568	23.558	ng/u1	98
16) Acetophenone	8.687	105	351768	22.749	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	169118	23.500	ng/u1	94
18) 4-Methylphenol	8.634	108	239288	22.300	ng/u1	98
19) Hexachloroethane	8.952	117	99640	22.685	ng/u1	88
22) Nitrobenzene	9.063	77	253666	23.006	ng/u1	95
23) Isophorone	9.593	82	449912	22.878	ng/u1	98
25) 2-Nitrophenol	9.775	139	121328	23.313	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	256295	22.107	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.075	93	290171	22.439	ng/u1	98
29) 2,4-Dichlorophenol	10.305	162	207933	22.480	ng/u1	100
30) Naphthalene	10.710	128	742733	21.621	ng/u1	99
32) 4-Chloroaniline	10.816	127	318939	22.658	ng/u1	99
33) Hexachlorobutadiene	11.010	225	123615	22.276	ng/u1	97
34) Caprolactam	11.563	113	57144	21.845	ng/u1	94
35) 4-Chloro-3-methylphenol	11.940	107	216315	22.095	ng/u1	98
36) 2-Methylnaphthalene	12.322	142	483846	21.885	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	491979	22.228	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.687	216	221886	21.805	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	123066	19.654	ng/ul	98
41) 2,4,6-Trichlorophenol	12.922	196	142414	22.434	ng/ul	94
42) 2,4,5-Trichlorophenol	12.993	196	154950	22.481	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	626724	21.614	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	479503	21.644	ng/ul	99
45) 2-Nitroaniline	13.563	65	128981	24.262	ng/ul	95
47) Dimethylphthalate	13.946	163	553437	22.124	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	104441	24.202	ng/ul	98
50) Acenaphthylene	14.210	152	780135	22.295	ng/ul	99
51) 3-Nitroaniline	14.387	138	85451	19.319	ng/ul	94
52) Acenaphthene	14.551	153	501251	21.888	ng/ul	97
53) 2,4-Dinitrophenol	14.587	184	47763	19.953	ng/ul	94
55) 4-Nitrophenol	14.687	109	92725	23.819	ng/ul	98
56) Dibenzofuran	14.887	168	700341	21.892	ng/ul	96
57) 2,4-Dinitrotoluene	14.846	165	153735	24.499	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.110	232	119441	23.758	ng/ul	92
59) Diethylphthalate	15.310	149	563047	22.884	ng/ul	97
61) Fluorene	15.534	166	558182	22.477	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.534	204	253355	22.564	ng/ul	95
63) 4-Nitroaniline	15.540	138	60096	15.853	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.604	198	74062	20.014	ng/ul#	90
67) N-Nitrosodiphenylamine	15.740	169	473044	21.632	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	141624	21.153	ng/ul#	89
69) Hexachlorobenzene	16.540	284	162245	21.544	ng/ul#	92
70) Atrazine	16.692	200	149218	21.391	ng/ul	96
71) Pentachlorophenol	16.881	266	96333	21.079	ng/ul	99
72) Phenanthrene	17.269	178	879310	22.078	ng/ul	99
74) Anthracene	17.363	178	891342	22.404	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.293	216	230525	20.983	ng/uL	99
76) Pentachlorobenzene	14.810	250	208351	21.769	ng/uL	94
77) Carbazole	17.628	167	800181	22.124	ng/ul	97
78) Di-n-butylphthalate	18.204	149	922333	23.839	ng/ul	99
80) Fluoranthene	19.286	202	992120	21.729	ng/ul	98
82) Pyrene	19.645	202	1037334	21.812	ng/ul	94
83) Butylbenzylphthalate	20.557	149	413272	23.492	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.328	252	263758	19.494	ng/ul#	97
85) Benzo(a)anthracene	21.398	228	951131	22.043	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.339	149	633973	23.487	ng/ul	100
87) Chrysene	21.451	228	956481	22.566	ng/ul	97
89) Di-n-octyl phthalate	22.251	149	1055946	22.992	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	977676	22.527	ng/ul#	97
91) Benzo(k)fluoranthene	23.098	252	929344	23.607	ng/ul	97
93) Benzo(a)pyrene	23.663	252	964814	23.410	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.192	276	1080355m	22.874	ng/ul	
95) Dibenzo(a,h)anthracene	26.204	278	908908	22.506	ng/ul	97
96) Benzo(g,h,i)perylene	26.927	276	922543	22.207	ng/ul	95

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

