

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012022\
 Data File : BN018432.D
 Acq On : 20 Jan 2022 10:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020283

Manual Integrations**APPROVED**

Reviewed By :Jagrut Upadhyay 01/20/2022
 Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 20 12:18:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	363993	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	1629126	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.234	164	1020006	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.975	188	2090927	20.000	ng/ul	0.00
79) Chrysene-d12	21.169	240	1982432	20.000	ng/ul	#-0.01
88) Perylene-d12	23.386	264	2012966	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	63534	7.017	ng/uL	0.00
4) Pyridine-d5	3.464	84	564346	19.915	ng/ul	0.00
7) Phenol-d5	6.775	99	708623	20.031	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	436590	19.374	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	553911	21.376	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	592009	21.202	ng/ul	0.00
21) Nitrobenzene-d5	8.740	128	274935	22.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	312928	24.127	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	562016	23.850	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	763720	21.089	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	1704569	23.008	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	2091012	22.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.445	143	280160	19.817	ng/ul	0.00
60) Fluorene-d10	15.228	176	1364893	21.836	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	241494	20.411	ng/ul	0.00
73) Anthracene-d10	17.075	188	2045853	21.126	ng/ul	0.00
81) Pyrene-d10	19.374	212	2423349	21.309	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.245	264	2419758	24.154	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	69307	6.803	ng/uL	97
5) Pyridine	3.481	79	554490	18.815	ng/ul	96
6) Benzaldehyde	6.728	77	480592	21.390	ng/ul	99
8) Phenol	6.799	94	734224	19.914	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.022	93	586204	19.720	ng/ul	93
12) 2-Chlorophenol	7.152	128	587364	21.480	ng/ul	94
13) 2-Methylphenol	8.040	108	567764	20.469	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.128	45	684690	17.356	ng/ul#	91
16) Acetophenone	8.404	105	915168	21.397	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.399	70	477695	20.441	ng/ul	89
18) 4-Methylphenol	8.369	108	615712	20.688	ng/ul	97
19) Hexachloroethane	8.657	117	254096	22.405	ng/ul#	75
22) Nitrobenzene	8.781	77	740721	23.107	ng/ul	100
23) Isophorone	9.299	82	1415038	21.979	ng/ul	98
25) 2-Nitrophenol	9.487	139	337607	23.382	ng/ul#	94
26) 2,4-Dimethylphenol	9.563	107	734244	22.930	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.793	93	833049	20.801	ng/ul	99
29) 2,4-Dichlorophenol	10.022	162	558790	23.412	ng/ul	95
30) Naphthalene	10.416	128	1870742	20.988	ng/ul	99
32) 4-Chloroaniline	10.528	127	796186	21.527	ng/ul	99
33) Hexachlorobutadiene	10.716	225	331947	25.504	ng/ul	94
34) Caprolactam	11.275	113	190984	20.356	ng/ul	80
35) 4-Chloro-3-methylphenol	11.675	107	710839	23.798	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.034	142	1332644	22.407	ng/ul	99
37) 1-Methylnaphthalene	12.257	142	1353410	21.868	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	624242	23.860	ng/ul#	94
40) Hexachlorocyclopentadiene	12.398	237	365301	24.310	ng/ul	95
41) 2,4,6-Trichlorophenol	12.663	196	430685	24.272	ng/ul	95
42) 2,4,5-Trichlorophenol	12.734	196	463253	24.628	ng/ul	95
43) 1,1'-Biphenyl	13.063	154	1793552	22.578	ng/ul	98
44) 2-Chloronaphthalene	13.104	162	1311540	22.095	ng/ul#	92
45) 2-Nitroaniline	13.310	65	461454	24.839	ng/ul	98
47) Dimethylphthalate	13.698	163	1721855	22.899	ng/ul#	99
48) 2,6-Dinitrotoluene	13.816	165	343299	24.092	ng/ul	88
50) Acenaphthylene	13.951	152	2068031	20.954	ng/ul	99
51) 3-Nitroaniline	14.139	138	359693	22.453	ng/ul	97
52) Acenaphthene	14.298	153	1377642	21.183	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	161535	20.127	ng/ul#	78
55) 4-Nitrophenol	14.463	109	309626	25.635	ng/ul#	74
56) Dibenzofuran	14.634	168	1948502	21.605	ng/ul#	82
57) 2,4-Dinitrotoluene	14.604	165	494975	24.143	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	14.863	232	360866	23.800	ng/ul#	71
59) Diethylphthalate	15.069	149	1777328	22.895	ng/ul	96
61) Fluorene	15.281	166	1464348	21.084	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.286	204	674875	21.731	ng/ul#	80
63) 4-Nitroaniline	15.304	138	320984m	22.463	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.375	198	255540	21.189	ng/ul#	82
67) N-Nitrosodiphenylamine	15.498	169	1304426	20.127	ng/ul	95
68) 4-Bromophenyl-phenylether	16.175	248	460070	22.690	ng/ul#	83
69) Hexachlorobenzene	16.292	284	560332	23.053	ng/ul#	87
70) Atrazine	16.457	200	498599	23.461	ng/ul	96
71) Pentachlorophenol	16.633	266	307955	22.196	ng/ul	95
72) Phenanthrene	17.016	178	2467268	20.765	ng/ul	98
74) Anthracene	17.110	178	2336185	19.806	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	684365	22.922	ng/uL	99
76) Pentachlorobenzene	14.557	250	623613	22.341	ng/uL	95
77) Carbazole	17.380	167	2263257	21.800	ng/ul#	96
78) Di-n-butylphthalate	17.963	149	3108524	24.357	ng/ul#	99
80) Fluoranthene	19.039	202	2993949	21.720	ng/ul#	96
82) Pyrene	19.404	202	2977989	21.204	ng/ul	97
83) Butylbenzylphthalate	20.322	149	1469975	25.248	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.098	252	949341	24.843	ng/ul#	99
85) Benzo(a)anthracene	21.157	228	2934037	22.610	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.110	149	2272259	25.659	ng/ul#	95
87) Chrysene	21.210	228	2617111	20.479	ng/ul	99
89) Di-n-octyl phthalate	21.980	149	3898840	27.030	ng/ul	100
90) Benzo(b)fluoranthene	22.721	252	3251023m	25.193	ng/ul	
91) Benzo(k)fluoranthene	22.768	252	2846966	23.789	ng/ul	97
93) Benzo(a)pyrene	23.292	252	2805742	22.800	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.639	276	3050917	22.417	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.657	278	2573504	22.425	ng/ul	95
96) Benzo(g,h,i)perylene	26.321	276	2469637	21.657	ng/ul#	95

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

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