

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011922\
 Data File : BN018430.D
 Acq On : 20 Jan 2022 00:35
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020282

Quant Time: Jan 20 04:14:16 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	386788	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	1732403	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.234	164	1059606	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	2175172	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	1957121	20.000	ng/u1	0.00
88) Perylene-d12	23.392	264	1915010	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	68167	7.085	ng/uL	0.00
4) Pyridine-d5	3.464	84	606170	20.131	ng/u1	0.00
7) Phenol-d5	6.775	99	776801	20.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	468293	19.556	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	608380	22.095	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	634401	21.381	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	294896	22.855	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	329760	23.909	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	594427	23.722	ng/u1	0.00
31) 4-Chloroaniline-d4	10.504	131	813853	21.133	ng/u1	-0.01
46) Dimethylphthalate-d6	13.651	166	1777166	23.091	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	2217359	22.791	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	309568	21.078	ng/u1	0.00
60) Fluorene-d10	15.228	176	1410767	21.726	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	252572	20.521	ng/u1	0.00
73) Anthracene-d10	17.075	188	2091046	20.757	ng/u1	0.00
81) Pyrene-d10	19.375	212	2481611	22.104	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.251	264	2337893	24.530	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.093	88	74877	6.917	ng/uL	92
5) Pyridine	3.481	79	604441	19.301	ng/u1	94
6) Benzaldehyde	6.728	77	529576	22.181	ng/u1	97
8) Phenol	6.799	94	797555	20.357	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.022	93	648087	20.517	ng/u1	93
12) 2-Chlorophenol	7.158	128	626860	21.573	ng/u1	93
13) 2-Methylphenol	8.040	108	613904	20.829	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.128	45	748855	17.864	ng/u1#	93
16) Acetophenone	8.405	105	954153	20.994	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.399	70	515619	20.764	ng/u1	93
18) 4-Methylphenol	8.369	108	647895	20.486	ng/u1	95
19) Hexachloroethane	8.657	117	271226	22.506	ng/u1#	79
22) Nitrobenzene	8.775	77	789604	23.164	ng/u1	98
23) Isophorone	9.304	82	1515628	22.138	ng/u1	97
25) 2-Nitrophenol	9.487	139	358155	23.326	ng/u1	93
26) 2,4-Dimethylphenol	9.563	107	791907	23.256	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.793	93	894000	20.992	ng/u1	99
29) 2,4-Dichlorophenol	10.022	162	600047	23.642	ng/u1	96
30) Naphthalene	10.416	128	1999224	21.092	ng/u1	100
32) 4-Chloroaniline	10.528	127	833464	21.191	ng/u1	98
33) Hexachlorobutadiene	10.716	225	342184	24.723	ng/u1	95
34) Caprolactam	11.275	113	200510m	20.097	ng/u1	
35) 4-Chloro-3-methylphenol	11.675	107	742920	23.389	ng/u1	94
36) 2-Methylnaphthalene	12.040	142	1396274	22.077	ng/u1	98

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37) 1-Methylnaphthalene	12.257	142	1415470	21.507	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.422	216	649283	23.889	ng/ul#	96
40) Hexachlorocyclopentadiene	12.398	237	371006	23.767	ng/ul	97
41) 2,4,6-Trichlorophenol	12.663	196	441553	23.954	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	484364	24.788	ng/ul	93
43) 1,1'-Biphenyl	13.063	154	1859415	22.533	ng/ul	98
44) 2-Chloronaphthalene	13.104	162	1375580	22.308	ng/ul	93
45) 2-Nitroaniline	13.310	65	484061	25.082	ng/ul	98
47) Dimethylphthalate	13.698	163	1761667	22.553	ng/ul	98
48) 2,6-Dinitrotoluene	13.816	165	360923	24.382	ng/ul	88
50) Acenaphthylene	13.951	152	2182135	21.284	ng/ul	99
51) 3-Nitroaniline	14.140	138	378063	22.718	ng/ul	95
52) Acenaphthene	14.298	153	1411983	20.900	ng/ul	97
53) 2,4-Dinitrophenol	14.351	184	168763	20.242	ng/ul#	70
55) 4-Nitrophenol	14.463	109	316948	25.260	ng/ul#	79
56) Dibenzofuran	14.634	168	2032825	21.698	ng/ul	88
57) 2,4-Dinitrotoluene	14.604	165	522651	24.540	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.869	232	382500	24.284	ng/ul#	81
59) Diethylphthalate	15.069	149	1862874	23.101	ng/ul	96
61) Fluorene	15.281	166	1530806	21.217	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.281	204	685611	21.251	ng/ul#	74
63) 4-Nitroaniline	15.304	138	346568	23.347	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.375	198	264581	21.089	ng/ul#	88
67) N-Nitrosodiphenylamine	15.498	169	1361910	20.200	ng/ul	95
68) 4-Bromophenyl-phenylether	16.175	248	463623	21.980	ng/ul#	79
69) Hexachlorobenzene	16.292	284	563722	22.294	ng/ul#	89
70) Atrazine	16.457	200	502201	22.715	ng/ul	96
71) Pentachlorophenol	16.634	266	311310	21.569	ng/ul	93
72) Phenanthrene	17.016	178	2590813	20.960	ng/ul	98
74) Anthracene	17.110	178	2367832	19.297	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	714468	23.004	ng/uL	98
76) Pentachlorobenzene	14.557	250	646085	22.249	ng/uL	97
77) Carbazole	17.381	167	2345318	21.716	ng/ul	98
78) Di-n-butylphthalate	17.963	149	3095092	23.312	ng/ul#	98
80) Fluoranthene	19.039	202	3031907	22.280	ng/ul#	93
82) Pyrene	19.404	202	2945345	21.242	ng/ul	95
83) Butylbenzylphthalate	20.322	149	1444421	25.130	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.098	252	993979	26.348	ng/ul#	98
85) Benzo(a)anthracene	21.157	228	2918443	22.781	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.110	149	2235096	25.566	ng/ul#	95
87) Chrysene	21.210	228	2599695	20.605	ng/ul	96
89) Di-n-octyl phthalate	21.980	149	3861411	28.140	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	2957698	24.092	ng/ul#	98
91) Benzo(k)fluoranthene	22.768	252	2772334	24.350	ng/ul#	96
93) Benzo(a)pyrene	23.292	252	2656352	22.690	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.639	276	2730624	21.090	ng/ul#	92
95) Dibenzo(a,h)anthracene	25.651	278	2372288	21.729	ng/ul#	96
96) Benzo(g,h,i)perylene	26.327	276	2243147	20.677	ng/ul#	95

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

