

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021023\
 Data File : BN024007.D
 Acq On : 10 Feb 2023 19:08
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020254

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/13/2023
 Supervised By :mohammad ahmed 02/14/2023

Quant Time: Feb 10 21:58:40 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 10 21:55:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	140633	20.000	ng/u1	0.00
20) Naphthalene-d8	10.640	136	604352	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	395817	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	900818	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	873310	20.000	ng/u1	0.00
88) Perylene-d12	23.827	264	858478	20.000	ng/u1	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	27994	8.049	ng/uL	0.00
4) Pyridine-d5	3.652	84	192459	19.950	ng/u1	0.00
7) Phenol-d5	7.005	99	243175	20.227	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	159701	21.050	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	188585	20.169	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	194389	20.697	ng/u1	0.00
21) Nitrobenzene-d5	9.005	128	96758	20.055	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	105499	19.474	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	201775	19.987	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	276727	20.282	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	611508	19.989	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	692732	20.440	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	112102	21.302	ng/u1	0.00
60) Fluorene-d10	15.481	176	529727	20.565	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	116169	18.665	ng/u1	0.00
73) Anthracene-d10	17.334	188	835007	20.348	ng/u1	0.00
81) Pyrene-d10	19.633	212	1021892	19.425	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.663	264	885105	20.153	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	30175	8.203	ng/uL#	88
5) Pyridine	3.670	79	194950	20.100	ng/u1	97
6) Benzaldehyde	6.969	77	111760	21.456	ng/u1	95
8) Phenol	7.028	94	249060	20.523	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.263	93	204756	20.759	ng/u1	99
12) 2-Chlorophenol	7.393	128	195959	20.612	ng/u1	98
13) 2-Methylphenol	8.287	108	186919	20.561	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	265691m	21.623	ng/u1	
16) Acetophenone	8.663	105	316281	21.587	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.652	70	172118	21.874	ng/u1	97
18) 4-Methylphenol	8.616	108	207769	21.214	ng/u1	96
19) Hexachloroethane	8.910	117	82885	20.865	ng/u1	94
22) Nitrobenzene	9.046	77	253380	20.701	ng/u1	99
23) Isophorone	9.575	82	458029	20.335	ng/u1	99
25) 2-Nitrophenol	9.757	139	114814	20.258	ng/u1	98
26) 2,4-Dimethylphenol	9.822	107	235364	20.843	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.057	93	282162	20.167	ng/u1	99
29) 2,4-Dichlorophenol	10.293	162	201252	20.557	ng/u1	97
30) Naphthalene	10.693	128	651740	20.110	ng/u1	100
32) 4-Chloroaniline	10.810	127	288149	21.155	ng/u1	99
33) Hexachlorobutadiene	10.969	225	139231	19.832	ng/u1	98
34) Caprolactam	11.593	113	60113m	21.593	ng/u1	
35) 4-Chloro-3-methylphenol	11.940	107	215337	20.933	ng/u1	99
36) 2-Methylnaphthalene	12.304	142	447955	20.529	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	463879	20.896	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	271580	19.585	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	174753	17.392	ng/ul	96
41) 2,4,6-Trichlorophenol	12.922	196	168878	19.191	ng/ul	97
42) 2,4,5-Trichlorophenol	12.987	196	188763	19.808	ng/ul	95
43) 1,1'-Biphenyl	13.322	154	615193	19.520	ng/ul	98
44) 2-Chloronaphthalene	13.363	162	485007	19.797	ng/ul	99
45) 2-Nitroaniline	13.575	65	148190	21.192	ng/ul	99
47) Dimethylphthalate	13.951	163	607683	19.941	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	120098	20.163	ng/ul	95
50) Acenaphthylene	14.210	152	738982	20.481	ng/ul	98
51) 3-Nitroaniline	14.404	138	128426	24.483	ng/ul	96
52) Acenaphthene	14.551	153	513727	20.382	ng/ul	98
53) 2,4-Dinitrophenol	14.610	184	72235	18.037	ng/ul	96
55) 4-Nitrophenol	14.710	109	103305	22.179	ng/ul	94
56) Dibenzofuran	14.887	168	734935	20.611	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	179160	21.672	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.116	232	169442	20.442	ng/ul	97
59) Diethylphthalate	15.316	149	594818	19.991	ng/ul	99
61) Fluorene	15.540	166	603672	20.656	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.534	204	319624	20.788	ng/ul	98
63) 4-Nitroaniline	15.569	138	126211m	28.082	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	113187	18.700	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	516849	19.909	ng/ul	96
68) 4-Bromophenyl-phenylether	16.428	248	200304	18.977	ng/ul	92
69) Hexachlorobenzene	16.539	284	239401	19.851	ng/ul	94
70) Atrazine	16.704	200	194732	19.201	ng/ul	97
71) Pentachlorophenol	16.887	266	140466	18.336	ng/ul	97
72) Phenanthrene	17.281	178	971079	20.251	ng/ul	96
74) Anthracene	17.369	178	984025	20.495	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	272596	18.865	ng/uL	97
76) Pentachlorobenzene	14.804	250	277267	19.333	ng/uL	98
77) Carbazole	17.645	167	876235	21.175	ng/ul	100
78) Di-n-butylphthalate	18.210	149	995219	14.401	ng/ul	99
80) Fluoranthene	19.298	202	1180548	18.861	ng/ul	99
82) Pyrene	19.663	202	1236757	19.411	ng/ul	99
83) Butylbenzylphthalate	20.569	149	434600	17.411	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.357	252	391451	19.055	ng/ul	92
85) Benzo(a)anthracene	21.422	228	1171481	19.359	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	617372	16.668	ng/ul	99
87) Chrysene	21.469	228	1158442	20.686	ng/ul	96
89) Di-n-octyl phthalate	22.269	149	991630	16.707	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	1168432	20.658	ng/ul	97
91) Benzo(k)fluoranthene	23.145	252	1067239	19.804	ng/ul	96
93) Benzo(a)pyrene	23.716	252	984585	20.504	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.304	276	1142138	18.428	ng/ul	97
95) Dibenzo(a,h)anthracene	26.315	278	967749	18.817	ng/ul	95
96) Benzo(g,h,i)perylene	27.057	276	900637m	17.967	ng/ul	

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

