

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010623\
 Data File : BN023577.D
 Acq On : 06 Jan 2023 16:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020381

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

Quant Time: Jan 06 16:45:35 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jan 05 03:34:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	178915	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.757	136	829588	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.598	164	530931	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1148169	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1132023	20.000	ng/u1	0.00
88) Perylene-d12	23.969	264	1257936	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	32330	7.776	ng/uL	0.00
4) Pyridine-d5	3.723	84	238571	19.125	ng/u1	0.00
7) Phenol-d5	7.099	99	299243	18.872	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.264	67	186806	19.204	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.463	132	240032	19.765	ng/u1	-0.01
15) 4-Methylphenol-d8	8.658	113	242042	19.124	ng/u1	-0.01
21) Nitrobenzene-d5	9.110	128	119124	19.042	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.834	143	128104	19.345	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.375	165	242556	19.203	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.899	131	374806	18.864	ng/u1	-0.01
46) Dimethylphthalate-d6	14.010	166	736744	18.654	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	838306	19.157	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.798	143	144593	17.983	ng/u1	0.00
60) Fluorene-d10	15.592	176	638157	18.909	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	126064	18.201	ng/u1	0.00
73) Anthracene-d10	17.445	188	990835	19.285	ng/u1	0.00
81) Pyrene-d10	19.745	212	1211708	18.716	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	1171807	18.837	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	34076	7.764	ng/uL	97
5) Pyridine	3.740	79	242779	19.012	ng/u1	97
6) Benzaldehyde	7.069	77	122216	19.901	ng/u1	99
8) Phenol	7.122	94	308282	19.099	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.358	93	248415	19.478	ng/u1	98
12) 2-Chlorophenol	7.499	128	246234	19.621	ng/u1	98
13) 2-Methylphenol	8.387	108	232785	19.164	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.469	45	334718	19.623	ng/u1	98
16) Acetophenone	8.769	105	384156	19.638	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.758	70	196003	19.900	ng/u1	99
18) 4-Methylphenol	8.716	108	257159	19.224	ng/u1	99
19) Hexachloroethane	9.022	117	98186	19.561	ng/u1	96
22) Nitrobenzene	9.152	77	297549	19.005	ng/u1	100
23) Isophorone	9.681	82	530104	18.721	ng/u1	100
25) 2-Nitrophenol	9.869	139	141171	19.178	ng/u1	98
26) 2,4-Dimethylphenol	9.928	107	282784	18.930	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.169	93	346745	18.879	ng/u1	100
29) 2,4-Dichlorophenol	10.399	162	241691	19.123	ng/u1	96
30) Naphthalene	10.805	128	840291	18.842	ng/u1	99
32) 4-Chloroaniline	10.922	127	382198	19.207	ng/u1	99
33) Hexachlorobutadiene	11.093	225	148375	18.980	ng/u1	97
34) Caprolactam	11.699	113	73887m	17.406	ng/u1	
35) 4-Chloro-3-methylphenol	12.046	107	261708	18.990	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	568224	19.113	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	583888	19.224	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	294218	18.737	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	166115	16.785	ng/ul	94
41) 2,4,6-Trichlorophenol	13.028	196	194138	18.756	ng/ul	92
42) 2,4,5-Trichlorophenol	13.099	196	216395	19.117	ng/ul	93
43) 1,1'-Biphenyl	13.434	154	767068	18.727	ng/ul	96
44) 2-Chloronaphthalene	13.475	162	604271	19.015	ng/ul	99
45) 2-Nitroaniline	13.681	65	165385	18.871	ng/ul	96
47) Dimethylphthalate	14.057	163	731539	18.433	ng/ul	100
48) 2,6-Dinitrotoluene	14.175	165	141865	18.909	ng/ul	98
50) Acenaphthylene	14.316	152	938527	19.288	ng/ul	99
51) 3-Nitroaniline	14.504	138	131825	17.534	ng/ul	96
52) Acenaphthene	14.663	153	645432	18.815	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	77343	15.773	ng/ul	94
55) 4-Nitrophenol	14.810	109	116144	17.887	ng/ul	98
56) Dibenzofuran	14.993	168	900705	18.863	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	210163	19.188	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.222	232	183805	18.950	ng/ul	98
59) Diethylphthalate	15.422	149	725427	18.248	ng/ul	100
61) Fluorene	15.645	166	734949	19.007	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.640	204	356205	18.923	ng/ul	97
63) 4-Nitroaniline	15.669	138	119555m	17.271	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.728	198	125144	18.308	ng/ul	98
67) N-Nitrosodiphenylamine	15.857	169	622617	19.323	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	220064	19.122	ng/ul	95
69) Hexachlorobenzene	16.651	284	260942	19.348	ng/ul	98
70) Atrazine	16.810	200	220911	18.319	ng/ul	96
71) Pentachlorophenol	16.998	266	153679	17.855	ng/ul	98
72) Phenanthrene	17.387	178	1175740	19.111	ng/ul	99
74) Anthracene	17.481	178	1179340	19.261	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	285956	18.499	ng/uL	99
76) Pentachlorobenzene	14.916	250	293033	18.925	ng/uL	99
77) Carbazole	17.751	167	1094800	19.693	ng/ul	99
78) Di-n-butylphthalate	18.316	149	1283512	19.445	ng/ul	100
80) Fluoranthene	19.410	202	1401599	18.509	ng/ul	99
82) Pyrene	19.775	202	1485382	18.571	ng/ul	99
83) Butylbenzylphthalate	20.675	149	607007	19.170	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	503296	20.353	ng/ul	95
85) Benzo(a)anthracene	21.527	228	1492863	19.469	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	934451	20.325	ng/ul	99
87) Chrysene	21.580	228	1401758	19.497	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	1514245	17.442	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1486813	18.555	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	1449433	18.288	ng/ul	99
93) Benzo(a)pyrene	23.863	252	1292542	18.600	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	1619781	18.860	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	1384336	19.494	ng/ul	98
96) Benzo(g,h,i)perylene	27.280	276	1299202	18.995	ng/ul	94

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

