

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120324\
 Data File : BN035404.D
 Acq On : 03 Dec 2024 12:51
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020350

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/04/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 14:49:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Dec 02 18:25:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	85167	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.046	136	363874	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.957	164	277598	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	615632	20.000	ng/u1	0.00
79) Chrysene-d12	20.986	240	613446	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	744347	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	15312	8.495	ng/uL	0.00
4) Pyridine-d5	3.334	84	101895	21.447	ng/u1	0.00
7) Phenol-d5	6.499	99	127210	20.967	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.652	67	72489	21.424	ng/u1	-0.01
11) 2-Chlorophenol-d4	6.834	132	105306	20.482	ng/u1	-0.01
15) 4-Methylphenol-d8	8.010	113	108658	20.550	ng/u1	0.00
21) Nitrobenzene-d5	8.434	128	50572	21.392	ng/u1	0.00
24) 2-Nitrophenol-d4	9.146	143	59425	21.717	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	125413	20.970	ng/u1	0.00
31) 4-Chloroaniline-d4	10.193	131	161358	21.851	ng/u1	0.00
46) Dimethylphthalate-d6	13.387	166	421023	21.122	ng/u1	0.00
49) Acenaphthylene-d8	13.645	160	461187	21.010	ng/u1	0.00
54) 4-Nitrophenol-d4	14.198	143	70184	21.383	ng/u1	0.00
60) Fluorene-d10	14.969	176	352742	20.492	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	69587	21.433	ng/u1	0.00
73) Anthracene-d10	16.828	188	574471	21.157	ng/u1	0.00
81) Pyrene-d10	19.151	212	683093	21.083	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	769110	21.338	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.987	88	15035	7.439	ng/uL#	97
5) Pyridine	3.352	79	104139	21.858	ng/u1	97
6) Benzaldehyde	6.458	77	85228	26.043	ng/u1	99
8) Phenol	6.522	94	134457	21.397	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.746	93	103949	21.130	ng/u1	96
12) 2-Chlorophenol	6.869	128	107913	20.168	ng/u1	100
13) 2-Methylphenol	7.746	108	101354	20.773	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.822	45	83411	21.453	ng/u1	98
16) Acetophenone	8.110	105	182168	21.816	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.104	70	82947	20.894	ng/u1	96
18) 4-Methylphenol	8.075	108	115738	21.349	ng/u1	99
19) Hexachloroethane	8.346	117	46632	20.399	ng/u1	98
22) Nitrobenzene	8.475	77	128104	21.573	ng/u1	98
23) Isophorone	9.004	82	249781	20.991	ng/u1	97
25) 2-Nitrophenol	9.175	139	66521	21.457	ng/u1	99
26) 2,4-Dimethylphenol	9.257	107	131371	21.141	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.493	93	149975	20.690	ng/u1	98
29) 2,4-Dichlorophenol	9.704	162	125862	20.799	ng/u1	96
30) Naphthalene	10.093	128	383964	20.763	ng/u1	99
32) 4-Chloroaniline	10.216	127	153519	21.702	ng/u1	99
33) Hexachlorobutadiene	10.387	225	88344	20.686	ng/u1	97
34) Caprolactam	10.987	113	36790m	21.041	ng/u1	
35) 4-Chloro-3-methylphenol	11.357	107	131409	20.847	ng/u1	97
36) 2-Methylnaphthalene	11.722	142	286738	20.822	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.951	142	291876	20.675	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.110	216	171893	21.011	ng/ul	98
40) Hexachlorocyclopentadiene	12.093	237	84884	20.654	ng/ul	96
41) 2,4,6-Trichlorophenol	12.363	196	115102	21.696	ng/ul	92
42) 2,4,5-Trichlorophenol	12.434	196	125183	21.178	ng/ul	99
43) 1,1'-Biphenyl	12.775	154	394579	20.596	ng/ul	98
44) 2-Chloronaphthalene	12.810	162	319240	20.833	ng/ul	98
45) 2-Nitroaniline	13.034	65	67500	22.411	ng/ul	94
47) Dimethylphthalate	13.440	163	418683	20.996	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	73863	22.224	ng/ul	93
50) Acenaphthylene	13.675	152	482323	20.672	ng/ul	98
51) 3-Nitroaniline	13.881	138	74918	21.765	ng/ul	100
52) Acenaphthene	14.028	153	345698	20.586	ng/ul	98
53) 2,4-Dinitrophenol	14.092	184	44311	19.087	ng/ul	96
55) 4-Nitrophenol	14.210	109	67701	21.839	ng/ul	94
56) Dibenzofuran	14.369	168	500033	20.942	ng/ul	96
57) 2,4-Dinitrotoluene	14.351	165	118049	22.383	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.604	232	108193	21.011	ng/ul#	98
59) Diethylphthalate	14.834	149	407749	20.922	ng/ul	99
61) Fluorene	15.022	166	399786	20.784	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.034	204	202290	20.582	ng/ul	98
63) 4-Nitroaniline	15.057	138	77453	23.202	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.116	198	78228	22.238	ng/ul	95
67) N-Nitrosodiphenylamine	15.251	169	348986	21.338	ng/ul	99
68) 4-Bromophenyl-phenylether	15.934	248	133450	21.435	ng/ul	99
69) Hexachlorobenzene	16.033	284	154795	20.945	ng/ul	95
70) Atrazine	16.228	200	131880	22.577	ng/ul	98
71) Pentachlorophenol	16.386	266	102332	21.809	ng/ul	93
72) Phenanthrene	16.769	178	661315	20.864	ng/ul	100
74) Anthracene	16.863	178	683744	21.365	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.734	216	173381	21.241	ng/ul	99
76) Pentachlorobenzene	14.287	250	176346	20.986	ng/ul	99
77) Carbazole	17.139	167	607113	22.798	ng/ul	98
78) Di-n-butylphthalate	17.739	149	678040	21.873	ng/ul	99
80) Fluoranthene	18.810	202	805906	21.193	ng/ul	99
82) Pyrene	19.180	202	864145	21.190	ng/ul	98
83) Butylbenzylphthalate	20.133	149	244102	21.238	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.916	252	249946	22.853	ng/ul	97
85) Benzo(a)anthracene	20.969	228	858969	20.858	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.945	149	393264	21.700	ng/ul	99
87) Chrysene	21.021	228	843357	21.254	ng/ul	97
89) Di-n-octyl phthalate	21.974	149	659049	19.478	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	898553	20.943	ng/ul	99
91) Benzo(k)fluoranthene	22.880	252	916452	20.860	ng/ul	96
93) Benzo(a)pyrene	23.533	252	854373	21.217	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.604	276	1035401	21.556	ng/ul	98
95) Dibenzo(a,h)anthracene	26.662	278	844062	21.688	ng/ul	99
96) Benzo(g,h,i)perylene	27.521	276	783107	21.481	ng/ul	99

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

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