

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029820.D
 Acq On : 16 Feb 2024 09:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020311

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/19/2024

Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 17 04:49:58 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Feb 13 22:50:45 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	168741	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	692568	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	376995	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	775903	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	707867	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	807536	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	35513	6.922	ng/uL	0.00
4) Pyridine-d5	3.728	84	244215	17.850	ng/u1	0.00
7) Phenol-d5	7.034	99	296210	18.767	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	186653	17.720	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.393	132	236332	20.663	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	230199	19.557	ng/u1	-0.01
21) Nitrobenzene-d5	9.028	128	111865	20.811	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.752	143	112902	24.117	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	204885	22.173	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.810	131	314043	19.921	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	576873	20.553	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	687901	20.638	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	103138	19.361	ng/u1	0.00
60) Fluorene-d10	15.504	176	488033	20.439	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	74204	19.627	ng/u1	0.00
73) Anthracene-d10	17.363	188	756098	20.793	ng/u1	0.00
81) Pyrene-d10	19.663	212	859470	20.232	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	827335	20.474	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	38191	7.187	ng/uL	97
5) Pyridine	3.746	79	251231	17.750	ng/u1	97
6) Benzaldehyde	7.011	77	169746	23.992	ng/u1	95
8) Phenol	7.058	94	302264	18.686	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.299	93	248151	18.244	ng/u1	98
12) 2-Chlorophenol	7.422	128	241779	20.149	ng/u1	98
13) 2-Methylphenol	8.311	108	224394	19.223	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	302792	17.045	ng/u1	97
16) Acetophenone	8.693	105	368919	19.692	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	191674	19.817	ng/u1	98
18) 4-Methylphenol	8.640	108	235734	19.111	ng/u1	97
19) Hexachloroethane	8.928	117	106993	19.214	ng/u1	95
22) Nitrobenzene	9.075	77	300265	19.715	ng/u1	98
23) Isophorone	9.599	82	518634	19.550	ng/u1	98
25) 2-Nitrophenol	9.781	139	124164	23.226	ng/u1	98
26) 2,4-Dimethylphenol	9.840	107	261793	20.433	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.087	93	322311	19.118	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	204433	21.411	ng/u1	99
30) Naphthalene	10.710	128	776432	19.614	ng/u1	100
32) 4-Chloroaniline	10.834	127	302449	19.435	ng/u1	100
33) Hexachlorobutadiene	10.987	225	126339	21.440	ng/u1	98
34) Caprolactam	11.604	113	62376m	19.632	ng/u1	
35) 4-Chloro-3-methylphenol	11.957	107	239240	21.693	ng/u1	97
36) 2-Methylnaphthalene	12.328	142	501196	20.654	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	492881	20.487	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.693	216	224258	20.068	ng/ul	96
40) Hexachlorocyclopentadiene	12.663	237	110591	15.141	ng/ul	97
41) 2,4,6-Trichlorophenol	12.940	196	148331	23.029	ng/ul	100
42) 2,4,5-Trichlorophenol	13.010	196	162552	22.460	ng/ul	98
43) 1,1'-Biphenyl	13.346	154	621720	19.555	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	489486	19.809	ng/ul	99
45) 2-Nitroaniline	13.598	65	154132	21.217	ng/ul	93
47) Dimethylphthalate	13.981	163	596089	20.747	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	114168	22.207	ng/ul	99
50) Acenaphthylene	14.228	152	794315	19.856	ng/ul	99
51) 3-Nitroaniline	14.428	138	120142	20.079	ng/ul	94
52) Acenaphthene	14.575	153	518385	19.617	ng/ul	96
53) 2,4-Dinitrophenol	14.634	184	45312	17.367	ng/ul	97
55) 4-Nitrophenol	14.734	109	97067	19.927	ng/ul	93
56) Dibenzofuran	14.910	168	697496	19.988	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	166963	23.067	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.134	232	125503	24.434	ng/ul	98
59) Diethylphthalate	15.345	149	621422	21.056	ng/ul	99
61) Fluorene	15.563	166	580074	21.031	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	256451	20.788	ng/ul	96
63) 4-Nitroaniline	15.592	138	121021	22.409	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.645	198	82474	19.787	ng/ul	94
67) N-Nitrosodiphenylamine	15.775	169	474799	19.637	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	157861	21.495	ng/ul	83
69) Hexachlorobenzene	16.557	284	171163	20.677	ng/ul	97
70) Atrazine	16.739	200	157916	20.905	ng/ul	98
71) Pentachlorophenol	16.904	266	105451	21.936	ng/ul	92
72) Phenanthrene	17.304	178	888177	19.789	ng/ul	99
74) Anthracene	17.398	178	907218	20.141	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.299	216	216241	18.992	ng/uL	95
76) Pentachlorobenzene	14.822	250	202950	19.907	ng/uL	97
77) Carbazole	17.675	167	829205	20.155	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1046734	21.157	ng/ul	99
80) Fluoranthene	19.328	202	1028199	19.926	ng/ul	96
82) Pyrene	19.692	202	1048416	19.205	ng/ul	95
83) Butylbenzylphthalate	20.610	149	504850	22.692	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.392	252	295097	21.523	ng/ul	96
85) Benzo(a)anthracene	21.451	228	1057478	20.336	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	761377	22.124	ng/ul	99
87) Chrysene	21.504	228	998830	20.496	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	1335759	21.339	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1035864	20.365	ng/ul	97
91) Benzo(k)fluoranthene	23.163	252	1029655	19.778	ng/ul	98
93) Benzo(a)pyrene	23.727	252	942847	19.329	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.286	276	1138537	19.168	ng/ul	96
95) Dibenzo(a,h)anthracene	26.310	278	931693	19.213	ng/ul	94
96) Benzo(g,h,i)perylene	27.033	276	912632	18.370	ng/ul	93

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

