

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034465.D
 Acq On : 08 Oct 2024 09:59
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020340

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 08 10:44:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 30 14:14:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	213519	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	860431	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.033	164	525959	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.786	188	988965	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	749300	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	899455	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	37464	7.160	ng/uL	0.00
4) Pyridine-d5	3.381	84	253935	16.327	ng/ul	0.00
7) Phenol-d5	6.581	99	322258	17.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	195406	16.620	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	294822	19.765	ng/ul	-0.01
15) 4-Methylphenol-d8	8.098	113	269927	17.311	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	140978	20.556	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	148362	21.037	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	280377	21.110	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	361409	17.974	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	772052	19.642	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	890458	20.137	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	117790	14.602	ng/ul	0.00
60) Fluorene-d10	15.033	176	645784	19.386	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.174	200	88534	15.014	ng/ul	0.00
73) Anthracene-d10	16.886	188	899415	19.344	ng/ul	-0.01
81) Pyrene-d10	19.198	212	890721	21.335	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.550	264	881562	19.080	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.028	88	41021	7.432	ng/uL	89
5) Pyridine	3.399	79	258607	16.249	ng/ul	93
6) Benzaldehyde	6.534	77	174813	17.476	ng/ul	92
8) Phenol	6.604	94	322507	16.346	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.822	93	276879	18.056	ng/ul	96
12) 2-Chlorophenol	6.951	128	289197	18.919	ng/ul	93
13) 2-Methylphenol	7.828	108	257555	17.466	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.904	45	359876	15.914	ng/ul	95
16) Acetophenone	8.192	105	403286	16.327	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.187	70	194755	15.923	ng/ul#	94
18) 4-Methylphenol	8.157	108	273598	16.671	ng/ul	98
19) Hexachloroethane	8.428	117	123443	19.146	ng/ul	91
22) Nitrobenzene	8.563	77	305611	17.804	ng/ul	92
23) Isophorone	9.086	82	562367	17.766	ng/ul	96
25) 2-Nitrophenol	9.263	139	159420	20.198	ng/ul	92
26) 2,4-Dimethylphenol	9.339	107	294780	18.154	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.575	93	367157	18.851	ng/ul	98
29) 2,4-Dichlorophenol	9.792	162	274016	20.376	ng/ul	95
30) Naphthalene	10.181	128	917872	19.502	ng/ul	99
32) 4-Chloroaniline	10.304	127	347770	17.551	ng/ul	99
33) Hexachlorobutadiene	10.469	225	180875	20.965	ng/ul	98
34) Caprolactam	11.075	113	105493	19.703	ng/ul	88
35) 4-Chloro-3-methylphenol	11.445	107	277189	17.508	ng/ul	93
36) 2-Methylnaphthalene	11.804	142	618761	19.086	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.028	142	635143	19.355	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.186	216	331348	21.822	ng/ul	97
40) Hexachlorocyclopentadiene	12.163	237	126728	13.565	ng/ul	96
41) 2,4,6-Trichlorophenol	12.445	196	210387	20.901	ng/ul	95
42) 2,4,5-Trichlorophenol	12.516	196	224740	20.326	ng/ul	99
43) 1,1'-Biphenyl	12.851	154	791529	19.961	ng/ul	98
44) 2-Chloronaphthalene	12.886	162	619727	20.062	ng/ul	97
45) 2-Nitroaniline	13.110	65	163287m	16.358	ng/ul	
47) Dimethylphthalate	13.504	163	788465	19.682	ng/ul	99
48) 2,6-Dinitrotoluene	13.622	165	158788	20.130	ng/ul	92
50) Acenaphthylene	13.745	152	993495	20.533	ng/ul	99
51) 3-Nitroaniline	13.951	138	152447	17.487	ng/ul	93
52) Acenaphthene	14.092	153	663413	19.205	ng/ul	99
53) 2,4-Dinitrophenol	14.163	184	58943	12.704	ng/ul	91
55) 4-Nitrophenol	14.286	109	120719	17.621	ng/ul	91
56) Dibenzofuran	14.433	168	904446	19.146	ng/ul	95
57) 2,4-Dinitrotoluene	14.416	165	222673	18.724	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.674	232	183297	19.978	ng/ul#	90
59) Diethylphthalate	14.886	149	795470	19.002	ng/ul	99
61) Fluorene	15.092	166	727611	18.829	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.098	204	358080	19.117	ng/ul	96
63) 4-Nitroaniline	15.121	138	143963m	16.048	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.186	198	95697	14.615	ng/ul	97
67) N-Nitrosodiphenylamine	15.316	169	625803	21.117	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	230424	22.945	ng/ul	91
69) Hexachlorobenzene	16.098	284	264361	22.680	ng/ul	92
70) Atrazine	16.286	200	190128	17.707	ng/ul	98
71) Pentachlorophenol	16.445	266	147620	19.015	ng/ul	96
72) Phenanthrene	16.833	178	1068562	19.595	ng/ul	99
74) Anthracene	16.921	178	1073061	19.271	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	324471	23.574	ng/uL	98
76) Pentachlorobenzene	14.351	250	323958	23.116	ng/uL	98
77) Carbazole	17.198	167	923866	18.027	ng/ul	100
78) Di-n-butylphthalate	17.786	149	1264109	19.404	ng/ul	99
80) Fluoranthene	18.862	202	1112100	22.786	ng/ul	97
82) Pyrene	19.227	202	1109511	21.146	ng/ul	97
83) Butylbenzylphthalate	20.168	149	493685	20.981	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.951	252	289945	17.227	ng/ul	97
85) Benzo(a)anthracene	21.009	228	1053387	19.717	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.974	149	756288	21.959	ng/ul#	97
87) Chrysene	21.068	228	981258	19.250	ng/ul	98
89) Di-n-octyl phthalate	22.009	149	1220078	20.386	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1071096	19.532	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	1085080	20.057	ng/ul	99
93) Benzo(a)pyrene	23.609	252	1028297	19.850	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.721	276	1316611	20.512	ng/ul	96
95) Dibenzo(a,h)anthracene	26.780	278	1091656	21.040	ng/ul	97
96) Benzo(g,h,i)perylene	27.644	276	1088010	21.835	ng/ul	98

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

