

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
 Data File : BN034414.D
 Acq On : 05 Oct 2024 07:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020334

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 06 04:37:18 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	7.381	152	268107	20.000	ng/ul	0.00
20) Naphthalene-d8	10.134	136	1076881	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	656664	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.786	188	1274174	20.000	ng/ul	-0.01
79) Chrysene-d12	21.021	240	1050962	20.000	ng/ul	-0.01
88) Perylene-d12	23.727	264	1222897	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	50428	7.675	ng/uL	0.00
4) Pyridine-d5	3.387	84	320452	16.409	ng/ul	0.00
7) Phenol-d5	6.581	99	405956	17.061	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	243237	16.476	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	366505	19.568	ng/ul	0.00
15) 4-Methylphenol-d8	8.099	113	332825	16.999	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	172241	20.067	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	188885	21.400	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	342261	20.590	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	452408	17.977	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	948576	19.329	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	1090542	19.753	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	163316	16.216	ng/ul	0.00
60) Fluorene-d10	15.033	176	801028	19.260	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	146342	19.263	ng/ul	0.00
73) Anthracene-d10	16.886	188	1157923	19.329	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1247389	21.302	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	1187593	18.906	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.034	88	51814	7.476	ng/uL	92
5) Pyridine	3.405	79	334018	16.714	ng/ul	90
6) Benzaldehyde	6.540	77	193749	15.426	ng/ul	90
8) Phenol	6.604	94	403596	16.291	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.828	93	344828	17.909	ng/ul	94
12) 2-Chlorophenol	6.952	128	357344	18.617	ng/ul	93
13) 2-Methylphenol	7.834	108	315059	17.015	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.904	45	449865	15.843	ng/ul#	95
16) Acetophenone	8.193	105	498990	16.089	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.187	70	242316	15.778	ng/ul	92
18) 4-Methylphenol	8.157	108	338137	16.408	ng/ul	99
19) Hexachloroethane	8.434	117	152501	18.837	ng/ul	88
22) Nitrobenzene	8.563	77	371309	17.283	ng/ul	90
23) Isophorone	9.087	82	697450	17.605	ng/ul	98
25) 2-Nitrophenol	9.263	139	202824	20.533	ng/ul	90
26) 2,4-Dimethylphenol	9.346	107	360783	17.753	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.575	93	454171	18.632	ng/ul	97
29) 2,4-Dichlorophenol	9.793	162	335242	19.918	ng/ul	94
30) Naphthalene	10.181	128	1113592	18.905	ng/ul	99
32) 4-Chloroaniline	10.304	127	427237	17.228	ng/ul	97
33) Hexachlorobutadiene	10.475	225	221199	20.485	ng/ul	96
34) Caprolactam	11.075	113	97487m	14.548	ng/ul	
35) 4-Chloro-3-methylphenol	11.445	107	335257	16.920	ng/ul	93
36) 2-Methylnaphthalene	11.810	142	746205	18.391	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.034	142	764958	18.625	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.187	216	401371	21.172	ng/ul	98
40) Hexachlorocyclopentadiene	12.169	237	244180	20.934	ng/ul	95
41) 2,4,6-Trichlorophenol	12.445	196	266434	21.200	ng/ul	96
42) 2,4,5-Trichlorophenol	12.516	196	278455	20.171	ng/ul	99
43) 1,1'-Biphenyl	12.857	154	973616	19.666	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	762828	19.779	ng/ul	96
45) 2-Nitroaniline	13.110	65	201058	16.133	ng/ul	86
47) Dimethylphthalate	13.504	163	950690	19.008	ng/ul	99
48) 2,6-Dinitrotoluene	13.622	165	199055	20.212	ng/ul	88
50) Acenaphthylene	13.745	152	1214271	20.100	ng/ul	100
51) 3-Nitroaniline	13.951	138	186912	17.173	ng/ul	91
52) Acenaphthene	14.098	153	819943	19.011	ng/ul	97
53) 2,4-Dinitrophenol	14.163	184	125822	21.720	ng/ul#	84
55) 4-Nitrophenol	14.281	109	115527	13.507	ng/ul	89
56) Dibenzofuran	14.434	168	1109615	18.814	ng/ul	97
57) 2,4-Dinitrotoluene	14.416	165	283062	19.065	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.675	232	237768	20.756	ng/ul	89
59) Diethylphthalate	14.892	149	956356	18.298	ng/ul	98
61) Fluorene	15.092	166	909090	18.843	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.098	204	451887	19.324	ng/ul	97
63) 4-Nitroaniline	15.122	138	172744	15.424	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.186	198	160783	19.059	ng/ul	92
67) N-Nitrosodiphenylamine	15.316	169	776689	20.342	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	286827	22.168	ng/ul	92
69) Hexachlorobenzene	16.098	284	332072	22.112	ng/ul	94
70) Atrazine	16.286	200	242709	17.545	ng/ul	98
71) Pentachlorophenol	16.445	266	198645	19.860	ng/ul	96
72) Phenanthrene	16.833	178	1374698	19.566	ng/ul	100
74) Anthracene	16.922	178	1413894	19.708	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.810	216	388003	21.880	ng/ul	98
76) Pentachlorobenzene	14.357	250	397301	22.004	ng/ul	96
77) Carbazole	17.198	167	1222513	18.515	ng/ul	99
78) Di-n-butylphthalate	17.786	149	1579516	18.818	ng/ul	99
80) Fluoranthene	18.863	202	1516513	22.153	ng/ul	97
82) Pyrene	19.227	202	1536118	20.873	ng/ul	96
83) Butylbenzylphthalate	20.168	149	628311	19.038	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.951	252	422726	17.907	ng/ul	100
85) Benzo(a)anthracene	21.004	228	1407645	18.785	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.968	149	933236	19.319	ng/ul	95
87) Chrysene	21.063	228	1313176	18.367	ng/ul	97
89) Di-n-octyl phthalate	22.004	149	1521421	18.697	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	1427746	19.149	ng/ul	98
91) Benzo(k)fluoranthene	22.939	252	1444329	19.637	ng/ul	98
93) Benzo(a)pyrene	23.598	252	1354922	19.237	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.709	276	1751656	20.072	ng/ul	99
95) Dibenzo(a,h)anthracene	26.768	278	1469312	20.829	ng/ul	97
96) Benzo(g,h,i)perylene	27.645	276	1433904	21.165	ng/ul	97

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

