

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052124\
 Data File : BN031596.D
 Acq On : 21 May 2024 12:32
 Operator : MA/JU
 Sample : SSTD01063
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD010246

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 23:39:32 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 21 15:34:06 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	518422	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2202847	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.327	164	1361838	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.074	188	2525845	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	1494781	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1398663	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	52228	4.111	ng/uL	0.00
4) Pyridine-d5	3.604	84	385279	10.084	ng/u1	0.00
7) Phenol-d5	6.857	99	428405	9.740	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	267913	9.540	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	327121	10.722	ng/u1	0.00
15) 4-Methylphenol-d8	8.392	113	333877	9.925	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	164076	10.989	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	148801	12.407	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	314925	11.349	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	486307	10.189	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	911877	10.722	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	1102156	10.468	ng/u1	0.00
54) 4-Nitrophenol-d4	14.521	143	157583	9.590	ng/u1	0.00
60) Fluorene-d10	15.321	176	779008	10.059	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	84868	9.107	ng/u1	0.00
73) Anthracene-d10	17.168	188	1107975	10.290	ng/u1	0.00
81) Pyrene-d10	19.468	212	1052217	13.894	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	638811	10.272	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.240	88	54906	4.057	ng/uL	97
5) Pyridine	3.622	79	378456	9.898	ng/u1	98
6) Benzaldehyde	6.840	77	255211m	11.490	ng/u1	
8) Phenol	6.881	94	448226	9.721	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.122	93	378513	9.873	ng/u1	100
12) 2-Chlorophenol	7.257	128	348249	10.547	ng/u1	98
13) 2-Methylphenol	8.128	108	331431	9.827	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	447496	9.226	ng/u1	99
16) Acetophenone	8.510	105	569486	10.183	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.492	70	284157	10.295	ng/u1	98
18) 4-Methylphenol	8.451	108	362137	9.980	ng/u1	100
19) Hexachloroethane	8.763	117	148521	9.967	ng/u1	98
22) Nitrobenzene	8.886	77	410712	10.162	ng/u1	98
23) Isophorone	9.410	82	810845	10.682	ng/u1	99
25) 2-Nitrophenol	9.592	139	169516	12.176	ng/u1	96
26) 2,4-Dimethylphenol	9.651	107	358439	10.358	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.898	93	513523	10.427	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	308183	10.965	ng/u1	99
30) Naphthalene	10.522	128	1158462	10.132	ng/u1	99
32) 4-Chloroaniline	10.633	127	473644	10.109	ng/u1	100
33) Hexachlorobutadiene	10.810	225	190833	10.270	ng/u1	100
34) Caprolactam	11.398	113	103080	10.055	ng/u1	91
35) 4-Chloro-3-methylphenol	11.757	107	349451	10.976	ng/u1	100
36) 2-Methylnaphthalene	12.139	142	780827	10.590	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	778618	10.456	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.510	216	377232	10.356	ng/ul	96
40) Hexachlorocyclopentadiene	12.486	237	209151	10.191	ng/ul	100
41) 2,4,6-Trichlorophenol	12.751	196	230015	11.720	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	253987	11.262	ng/ul	93
43) 1,1'-Biphenyl	13.163	154	995239	10.288	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	792792	10.479	ng/ul	98
45) 2-Nitroaniline	13.410	65	201124	10.306	ng/ul	98
47) Dimethylphthalate	13.792	163	926905	10.433	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	166222	10.802	ng/ul	95
50) Acenaphthylene	14.051	152	1303583	10.547	ng/ul	98
51) 3-Nitroaniline	14.233	138	184173	10.162	ng/ul	97
52) Acenaphthene	14.392	153	831360	10.147	ng/ul	93
53) 2,4-Dinitrophenol	14.439	184	56661	8.546	ng/ul	95
55) 4-Nitrophenol	14.533	109	125248	9.632	ng/ul	98
56) Dibenzofuran	14.727	168	1120447	10.084	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	230797	10.498	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.951	232	192690	11.864	ng/ul	97
59) Diethylphthalate	15.163	149	896332	10.213	ng/ul	98
61) Fluorene	15.380	166	917462	10.143	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.380	204	442124	10.231	ng/ul	100
63) 4-Nitroaniline	15.398	138	177666	10.002	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.451	198	97142	9.391	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	757305	10.908	ng/ul	98
68) 4-Bromophenyl-phenylether	16.274	248	253365	10.852	ng/ul	97
69) Hexachlorobenzene	16.374	284	282248	10.516	ng/ul	94
70) Atrazine	16.545	200	223832	11.099	ng/ul	99
71) Pentachlorophenol	16.721	266	142178	10.045	ng/ul	94
72) Phenanthrene	17.115	178	1332909	10.130	ng/ul	99
74) Anthracene	17.204	178	1353121	10.229	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	356772	10.459	ng/ul	95
76) Pentachlorobenzene	14.645	250	349509	10.867	ng/ul	97
77) Carbazole	17.474	167	1160730	9.823	ng/ul	99
78) Di-n-butylphthalate	18.051	149	1303622	9.986	ng/ul	100
80) Fluoranthene	19.133	202	1314380	14.685	ng/ul	99
82) Pyrene	19.498	202	1320261	13.614	ng/ul	97
83) Butylbenzylphthalate	20.409	149	407741	13.067	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.215	252	283200	10.145	ng/ul	91
85) Benzo(a)anthracene	21.286	228	1013944	10.357	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	542073	10.912	ng/ul	98
87) Chrysene	21.345	228	958927	10.450	ng/ul	97
89) Di-n-octyl phthalate	22.339	149	766292	10.632	ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	799885	10.147	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	842254	10.472	ng/ul	99
93) Benzo(a)pyrene	24.103	252	763573	9.947	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.527	276	875200	9.979	ng/ul	98
95) Dibenzo(a,h)anthracene	27.597	278	720694	9.744	ng/ul	99
96) Benzo(g,h,i)perylene	28.550	276	713051	9.994	ng/ul	98

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

