

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029572.D
 Acq On : 08 Feb 2024 11:33
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020296

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 00:28:45 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Feb 08 00:25:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	271040	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.675	136	1112713	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	571361	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	1113136	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	972781	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	1069269	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	61011	7.404	ng/uL	0.00
4) Pyridine-d5	3.728	84	408478	18.588	ng/ul	-0.01
7) Phenol-d5	7.040	99	479033	18.895	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.216	67	314878	18.610	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	369689	20.123	ng/ul	-0.02
15) 4-Methylphenol-d8	8.587	113	354847	18.768	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128	167614	19.409	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.763	143	155941	20.733	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.293	165	290569	19.572	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.822	131	459802	18.154	ng/ul	-0.01
46) Dimethylphthalate-d6	13.945	166	793536	18.655	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	963306	19.069	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	149718	18.544	ng/ul	0.00
60) Fluorene-d10	15.516	176	670330	18.524	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	92138	16.988	ng/ul	0.00
73) Anthracene-d10	17.375	188	978381	18.754	ng/ul	0.00
81) Pyrene-d10	19.675	212	1042927	17.865	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	1002435	18.735	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	63600	7.452	ng/uL	98
5) Pyridine	3.752	79	422734	18.594	ng/ul	96
6) Benzaldehyde	7.016	77	281050m	24.731	ng/ul	
8) Phenol	7.063	94	489650	18.845	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.311	93	407912	18.670	ng/ul	97
12) 2-Chlorophenol	7.434	128	384554	19.951	ng/ul	98
13) 2-Methylphenol	8.316	108	348161	18.569	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.405	45	531050	18.611	ng/ul	98
16) Acetophenone	8.705	105	569431	18.923	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.693	70	301146	19.384	ng/ul	100
18) 4-Methylphenol	8.652	108	368636	18.606	ng/ul	98
19) Hexachloroethane	8.946	117	167410	18.716	ng/ul	97
22) Nitrobenzene	9.087	77	462956	18.920	ng/ul	98
23) Isophorone	9.610	82	789927	18.533	ng/ul	99
25) 2-Nitrophenol	9.793	139	174152	20.276	ng/ul	96
26) 2,4-Dimethylphenol	9.852	107	387483	18.824	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.099	93	503520	18.589	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	292245	19.051	ng/ul	97
30) Naphthalene	10.728	128	1168822	18.377	ng/ul	99
32) 4-Chloroaniline	10.846	127	451831	18.071	ng/ul	96
33) Hexachlorobutadiene	10.999	225	175775	18.566	ng/ul	96
34) Caprolactam	11.616	113	89703m	17.573	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	341869	19.294	ng/ul	98
36) 2-Methylnaphthalene	12.340	142	719198	18.447	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	708498	18.330	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.704	216	319724	18.878	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	196491	17.750	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	190748	19.540	ng/ul	98
42) 2,4,5-Trichlorophenol	13.016	196	216648	19.752	ng/ul	97
43) 1,1'-Biphenyl	13.357	154	886390	18.395	ng/ul	97
44) 2-Chloronaphthalene	13.398	162	686839	18.340	ng/ul	98
45) 2-Nitroaniline	13.610	65	218216	19.819	ng/ul	99
47) Dimethylphthalate	13.993	163	820901	18.852	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	148666	19.080	ng/ul	95
50) Acenaphthylene	14.245	152	1145363	18.892	ng/ul	100
51) 3-Nitroaniline	14.440	138	169807	18.725	ng/ul	99
52) Acenaphthene	14.587	153	740921	18.500	ng/ul	96
53) 2,4-Dinitrophenol	14.645	184	71605	18.108	ng/ul	92
55) 4-Nitrophenol	14.740	109	135405	18.341	ng/ul	98
56) Dibenzofuran	14.922	168	960645	18.165	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	221719	20.211	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.145	232	162163	20.831	ng/ul	97
59) Diethylphthalate	15.363	149	841937	18.823	ng/ul	100
61) Fluorene	15.575	166	784020	18.755	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.575	204	349780	18.708	ng/ul	98
63) 4-Nitroaniline	15.604	138	172193	21.038	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	104988	17.558	ng/ul	97
67) N-Nitrosodiphenylamine	15.792	169	651847	18.792	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	194851	18.494	ng/ul	96
69) Hexachlorobenzene	16.569	284	225000	18.947	ng/ul	96
70) Atrazine	16.751	200	201325	18.577	ng/ul	98
71) Pentachlorophenol	16.922	266	139676	20.253	ng/ul	96
72) Phenanthrene	17.316	178	1180098	18.327	ng/ul	98
74) Anthracene	17.410	178	1220826	18.892	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	303687	18.592	ng/uL	98
76) Pentachlorobenzene	14.834	250	276901	18.932	ng/uL	95
77) Carbazole	17.686	167	1077853	18.261	ng/ul	98
78) Di-n-butylphthalate	18.263	149	1365101	19.233	ng/ul	99
80) Fluoranthene	19.339	202	1282581	18.087	ng/ul	97
82) Pyrene	19.704	202	1364542	18.189	ng/ul	97
83) Butylbenzylphthalate	20.627	149	578865	18.933	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	337990	17.938	ng/ul	98
85) Benzo(a)anthracene	21.463	228	1292069	18.081	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	899062	19.010	ng/ul	99
87) Chrysene	21.516	228	1231599	18.390	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	1496362	18.054	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1282026	19.035	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1256239	18.223	ng/ul	98
93) Benzo(a)pyrene	23.751	252	1236571	19.145	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.315	276	1490538	18.951	ng/ul	98
95) Dibenzo(a,h)anthracene	26.339	278	1232004	19.187	ng/ul	97
96) Benzo(g,h,i)perylene	27.062	276	1200813m	18.254	ng/ul	

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

