

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
 Data File : BN029601.D
 Acq On : 09 Feb 2024 09:44
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020297

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
 Supervised By :mohammad ahmed 02/13/2024

Quant Time: Feb 09 21:56:06 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	250862	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.675	136	1037677	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.522	164	541394	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	1072414	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	912474	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	1035740	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	55180	7.235	ng/uL	0.00
4) Pyridine-d5	3.728	84	380891	18.726	ng/u1	-0.01
7) Phenol-d5	7.040	99	448084	19.096	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.216	67	293659	18.752	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.399	132	342100	20.119	ng/u1	-0.02
15) 4-Methylphenol-d8	8.587	113	328712	18.784	ng/u1	-0.01
21) Nitrobenzene-d5	9.040	128	157770	19.590	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.763	143	139045	19.823	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.293	165	275566	19.904	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.822	131	438188	18.552	ng/u1	-0.01
46) Dimethylphthalate-d6	13.945	166	743140	18.437	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	903477	18.874	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	137287	17.945	ng/u1	0.00
60) Fluorene-d10	15.516	176	643345	18.762	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	86381	16.531	ng/u1	0.00
73) Anthracene-d10	17.375	188	949287	18.888	ng/u1	0.00
81) Pyrene-d10	19.674	212	1017447	18.581	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	996104	19.220	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.358	88	58967	7.465	ng/uL	98
5) Pyridine	3.752	79	394470	18.746	ng/u1	95
6) Benzaldehyde	7.022	77	260824m	24.798	ng/u1	
8) Phenol	7.063	94	462448	19.230	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.310	93	382623	18.921	ng/u1	99
12) 2-Chlorophenol	7.434	128	356748	19.997	ng/u1	98
13) 2-Methylphenol	8.316	108	327455	18.869	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	502080	19.011	ng/u1	98
16) Acetophenone	8.704	105	539343	19.365	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.693	70	280358	19.497	ng/u1	100
18) 4-Methylphenol	8.646	108	348652	19.013	ng/u1	95
19) Hexachloroethane	8.946	117	155511	18.785	ng/u1	96
22) Nitrobenzene	9.087	77	430676	18.873	ng/u1	99
23) Isophorone	9.610	82	741401	18.653	ng/u1	100
25) 2-Nitrophenol	9.793	139	159703	19.938	ng/u1	96
26) 2,4-Dimethylphenol	9.851	107	363297	18.925	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.104	93	468901	18.563	ng/u1	98
29) 2,4-Dichlorophenol	10.322	162	274080	19.158	ng/u1	99
30) Naphthalene	10.722	128	1111809	18.745	ng/u1	99
32) 4-Chloroaniline	10.845	127	432290	18.540	ng/u1	98
33) Hexachlorobutadiene	10.998	225	163726	18.544	ng/u1	92
34) Caprolactam	11.616	113	82556	17.342	ng/u1	98
35) 4-Chloro-3-methylphenol	11.969	107	323580	19.582	ng/u1	99
36) 2-Methylnaphthalene	12.340	142	692842	19.056	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	678017	18.810	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	303440	18.909	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	179538	17.116	ng/ul	100
41) 2,4,6-Trichlorophenol	12.951	196	184149	19.909	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	199790	19.223	ng/ul	98
43) 1,1'-Biphenyl	13.357	154	844700	18.500	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	658490	18.557	ng/ul	99
45) 2-Nitroaniline	13.610	65	202627	19.422	ng/ul	97
47) Dimethylphthalate	13.992	163	782819	18.973	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	140409	19.018	ng/ul	99
50) Acenaphthylene	14.245	152	1076895	18.746	ng/ul	99
51) 3-Nitroaniline	14.439	138	157430	18.321	ng/ul	93
52) Acenaphthene	14.586	153	706678	18.622	ng/ul	95
53) 2,4-Dinitrophenol	14.645	184	63251	16.881	ng/ul	91
55) 4-Nitrophenol	14.739	109	124680	17.823	ng/ul	97
56) Dibenzofuran	14.922	168	935951	18.677	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	202282	19.460	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.145	232	152522	20.677	ng/ul	96
59) Diethylphthalate	15.357	149	783969	18.497	ng/ul	98
61) Fluorene	15.575	166	746244	18.840	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.575	204	338127	19.085	ng/ul	96
63) 4-Nitroaniline	15.604	138	162157	20.909	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.657	198	94363	16.380	ng/ul	100
67) N-Nitrosodiphenylamine	15.792	169	613918	18.371	ng/ul	97
68) 4-Bromophenyl-phenylether	16.469	248	189725	18.691	ng/ul	90
69) Hexachlorobenzene	16.569	284	212897	18.608	ng/ul	94
70) Atrazine	16.751	200	188024	18.009	ng/ul	97
71) Pentachlorophenol	16.916	266	128881	19.397	ng/ul	96
72) Phenanthrene	17.316	178	1112715	17.937	ng/ul	99
74) Anthracene	17.410	178	1151019	18.488	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.316	216	286291	18.192	ng/uL	96
76) Pentachlorobenzene	14.834	250	258613	18.353	ng/uL	98
77) Carbazole	17.686	167	1049171	18.450	ng/ul	99
78) Di-n-butylphthalate	18.263	149	1283052	18.763	ng/ul	99
80) Fluoranthene	19.339	202	1237781	18.608	ng/ul	99
82) Pyrene	19.704	202	1302497	18.510	ng/ul	96
83) Butylbenzylphthalate	20.621	149	550564	19.198	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	340072	19.242	ng/ul	97
85) Benzo(a)anthracene	21.463	228	1223995	18.260	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	852825	19.225	ng/ul	96
87) Chrysene	21.516	228	1175593	18.714	ng/ul	97
89) Di-n-octyl phthalate	22.339	149	1390598	17.321	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1191316	18.261	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1302491	19.506	ng/ul	97
93) Benzo(a)pyrene	23.745	252	1172084	18.734	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.304	276	1390015	18.245	ng/ul	96
95) Dibenzo(a,h)anthracene	26.327	278	1149752	18.486	ng/ul	97
96) Benzo(g,h,i)perylene	27.056	276	1164492	18.275	ng/ul	96

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

