

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029741.D
 Acq On : 13 Feb 2024 20:40
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020305

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 13 22:51:15 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Feb 13 22:50:45 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	249854	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1078101	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	561796	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1004404	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	678683	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	758175	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	53226	7.007	ng/uL	0.00
4) Pyridine-d5	3.728	84	361536	17.846	ng/u1	0.00
7) Phenol-d5	7.040	99	442235	18.923	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	292059	18.725	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	342023	20.196	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	342310	19.640	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	163089	19.491	ng/u1	0.00
24) 2-Nitrophenol-d4	9.758	143	156885	21.528	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	287773	20.006	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	439922	17.927	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	776470	18.564	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	936670	18.857	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	122329	15.409	ng/u1	0.00
60) Fluorene-d10	15.510	176	646020	18.156	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	85536	17.478	ng/u1	0.00
73) Anthracene-d10	17.363	188	878273	18.658	ng/u1	0.00
81) Pyrene-d10	19.663	212	846121	20.775	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	716723	18.892	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.358	88	55992	7.117	ng/uL	99
5) Pyridine	3.752	79	383711	18.309	ng/u1	95
6) Benzaldehyde	7.017	77	258698	24.695	ng/u1	99
8) Phenol	7.064	94	458199	19.130	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.305	93	380259	18.880	ng/u1	99
12) 2-Chlorophenol	7.428	128	355235	19.993	ng/u1	99
13) 2-Methylphenol	8.316	108	332073	19.213	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	511113	19.431	ng/u1	100
16) Acetophenone	8.699	105	542013	19.539	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	293362	20.484	ng/u1	97
18) 4-Methylphenol	8.652	108	358792	19.645	ng/u1	95
19) Hexachloroethane	8.940	117	153204	18.581	ng/u1	96
22) Nitrobenzene	9.081	77	445354	18.785	ng/u1	99
23) Isophorone	9.605	82	784598	18.999	ng/u1	99
25) 2-Nitrophenol	9.787	139	174701	20.993	ng/u1	98
26) 2,4-Dimethylphenol	9.852	107	370653	18.585	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.099	93	486691	18.544	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	292350	19.669	ng/u1	97
30) Naphthalene	10.716	128	1127836	18.302	ng/u1	99
32) 4-Chloroaniline	10.840	127	433605	17.899	ng/u1	98
33) Hexachlorobutadiene	10.993	225	170506	18.588	ng/u1	95
34) Caprolactam	11.610	113	84972m	17.180	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	329793	19.210	ng/u1	99
36) 2-Methylnaphthalene	12.334	142	724249	19.173	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.552	142	700736	18.711	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.699	216	315935	18.972	ng/ul	95
40) Hexachlorocyclopentadiene	12.669	237	181209	16.648	ng/ul	99
41) 2,4,6-Trichlorophenol	12.946	196	190075	19.803	ng/ul	97
42) 2,4,5-Trichlorophenol	13.016	196	210827	19.548	ng/ul	94
43) 1,1'-Biphenyl	13.351	154	873533	18.437	ng/ul	98
44) 2-Chloronaphthalene	13.387	162	683483	18.562	ng/ul	99
45) 2-Nitroaniline	13.604	65	206710	19.094	ng/ul	96
47) Dimethylphthalate	13.987	163	803837	18.775	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	149363	19.496	ng/ul	97
50) Acenaphthylene	14.234	152	1113214	18.674	ng/ul	99
51) 3-Nitroaniline	14.434	138	153173	17.178	ng/ul	97
52) Acenaphthene	14.575	153	723568	18.374	ng/ul	93
53) 2,4-Dinitrophenol	14.640	184	55379	14.243	ng/ul	94
55) 4-Nitrophenol	14.734	109	106180	14.627	ng/ul	95
56) Dibenzofuran	14.916	168	924823	17.785	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	204768	18.984	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.140	232	150008	19.598	ng/ul	96
59) Diethylphthalate	15.351	149	791970	18.007	ng/ul	98
61) Fluorene	15.569	166	754887	18.366	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.569	204	340461	18.519	ng/ul	94
63) 4-Nitroaniline	15.593	138	138287	17.183	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.651	198	96976	17.973	ng/ul	93
67) N-Nitrosodiphenylamine	15.781	169	596164	19.047	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	192077	20.204	ng/ul	93
69) Hexachlorobenzene	16.563	284	214360	20.005	ng/ul	94
70) Atrazine	16.745	200	180428	18.451	ng/ul	98
71) Pentachlorophenol	16.910	266	114265	18.362	ng/ul	95
72) Phenanthrene	17.310	178	1062265	18.283	ng/ul	99
74) Anthracene	17.398	178	1079298	18.510	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	298213	20.233	ng/uL	96
76) Pentachlorobenzene	14.828	250	265664	20.130	ng/uL	98
77) Carbazole	17.675	167	901746	16.932	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1153118	18.005	ng/ul	99
80) Fluoranthene	19.328	202	1023145	20.680	ng/ul	99
82) Pyrene	19.692	202	1081177	20.657	ng/ul	97
83) Butylbenzylphthalate	20.616	149	403578	18.920	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	222601	16.934	ng/ul	89
85) Benzo(a)anthracene	21.451	228	912142	18.295	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	596522	18.079	ng/ul	99
87) Chrysene	21.504	228	869505	18.610	ng/ul	98
89) Di-n-octyl phthalate	22.327	149	905929	15.415	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	905108	18.953	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	854722	17.486	ng/ul	100
93) Benzo(a)pyrene	23.727	252	825850	18.033	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.280	276	1050574	18.838	ng/ul	99
95) Dibenzo(a,h)anthracene	26.316	278	858771	18.862	ng/ul	97
96) Benzo(g,h,i)perylene	27.033	276	854413	18.318	ng/ul	97

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

