

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020123\
 Data File : BN023892.D
 Acq On : 01 Feb 2023 16:11
 Operator : CG/JU
 Sample : SST08063
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD080228

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

02/02/2023

Supervised By :Yogesh

Patel

02/02/2023

Quant Time: Feb 02 01:18:25 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Feb 02 01:11:49 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	157888	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	649350	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	401790	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	876444	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	655083	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	596698	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	115269	29.761	ng/uL	0.00
4) Pyridine-d5	3.663	84	854465	78.174	ng/u1	0.00
7) Phenol-d5	7.034	99	1103136	80.008	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.193	67	672170	77.141	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	880499	81.674	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	865470	79.129	ng/u1	0.02
21) Nitrobenzene-d5	9.034	128	442083	83.911	ng/u1	0.01
24) 2-Nitrophenol-d4	9.757	143	507728	84.698	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.298	165	914974	81.744	ng/u1	0.01
31) 4-Chloroaniline-d4	10.816	131	1175325	76.969	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	2533735	78.987	ng/u1	0.01
49) Acenaphthylene-d8	14.204	160	2819261	81.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	465398	80.024	ng/u1	0.02
60) Fluorene-d10	15.504	176	2076044	77.199	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	513391	82.779	ng/u1	0.02
73) Anthracene-d10	17.363	188	3179510	77.923	ng/u1	0.01
81) Pyrene-d10	19.657	212	3364501	84.595	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.698	264	2528957	81.659	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	120789	29.975	ng/uL#	87
5) Pyridine	3.681	79	855871	77.928	ng/u1	98
6) Benzaldehyde	6.993	77	477510	79.647	ng/u1	99
8) Phenol	7.063	94	1089132	78.577	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.287	93	880115	77.938	ng/u1	100
12) 2-Chlorophenol	7.422	128	887468	81.349	ng/u1	99
13) 2-Methylphenol	8.316	108	835268	79.424	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1102585	75.493	ng/u1	99
16) Acetophenone	8.698	105	1295107	76.457	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.698	70	701783	75.468	ng/u1	97
18) 4-Methylphenol	8.657	108	891950	78.300	ng/u1	100
19) Hexachloroethane	8.934	117	371326	81.271	ng/u1	96
22) Nitrobenzene	9.075	77	1054089	79.698	ng/u1	98
23) Isophorone	9.616	82	1993357	79.852	ng/u1	100
25) 2-Nitrophenol	9.787	139	523377	84.076	ng/u1	97
26) 2,4-Dimethylphenol	9.851	107	985013	79.904	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1180963	77.436	ng/u1	98
29) 2,4-Dichlorophenol	10.322	162	876467	81.146	ng/u1	99
30) Naphthalene	10.722	128	2738909	77.884	ng/u1	100
32) 4-Chloroaniline	10.840	127	1170589	77.025	ng/u1	99
33) Hexachlorobutadiene	10.998	225	615025	81.258	ng/u1	99
34) Caprolactam	11.657	113	262962m	78.481	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	917075	79.211	ng/u1	98
36) 2-Methylnaphthalene	12.334	142	1861733	77.914	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	1874124	76.664	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	1132476	82.031	ng/u1	98
40) Hexachlorocyclopentadiene	12.675	237	839611	84.474	ng/u1	97
41) 2,4,6-Trichlorophenol	12.945	196	754760	82.861	ng/u1	94
42) 2,4,5-Trichlorophenol	13.022	196	814721	82.575	ng/u1	95
43) 1,1'-Biphenyl	13.345	154	2480495	78.343	ng/u1	99
44) 2-Chloronaphthalene	13.386	162	1968942	79.921	ng/u1	99
45) 2-Nitroaniline	13.604	65	616810	83.383	ng/u1	95
47) Dimethylphthalate	13.981	163	2498327	78.477	ng/u1	100
48) 2,6-Dinitrotoluene	14.104	165	553423	87.683	ng/u1	97
50) Acenaphthylene	14.233	152	2933028	78.697	ng/u1	99
51) 3-Nitroaniline	14.433	138	461683	81.259	ng/u1	94
52) Acenaphthene	14.575	153	2028114	78.391	ng/u1	94
53) 2,4-Dinitrophenol	14.639	184	389708	87.831	ng/u1	96
55) 4-Nitrophenol	14.757	109	392749	79.439	ng/u1	98
56) Dibenzofuran	14.916	168	2839792	76.942	ng/u1	99
57) 2,4-Dinitrotoluene	14.892	165	742779	83.179	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.139	232	703068	79.903	ng/u1	97
59) Diethylphthalate	15.345	149	2458550	77.721	ng/u1	99
61) Fluorene	15.563	166	2223696	73.672	ng/u1	95
62) 4-Chlorophenyl-phenyle...	15.551	204	1174104	74.148	ng/u1	96
63) 4-Nitroaniline	15.604	138	425924m	87.127	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.657	198	496713	83.184	ng/u1	94
67) N-Nitrosodiphenylamine	15.775	169	1985791	78.469	ng/u1	98
68) 4-Bromophenyl-phenylether	16.451	248	800067	77.943	ng/u1	95
69) Hexachlorobenzene	16.563	284	916671	77.298	ng/u1	92
70) Atrazine	16.733	200	781714	76.878	ng/u1	98
71) Pentachlorophenol	16.910	266	612049	80.609	ng/u1	100
72) Phenanthrene	17.304	178	3605472	76.382	ng/u1	100
74) Anthracene	17.398	178	3594856	76.410	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	1128256	83.673	ng/uL	97
76) Pentachlorobenzene	14.828	250	1075226	79.960	ng/uL	96
77) Carbazole	17.669	167	3145996	76.309	ng/u1	99
78) Di-n-butylphthalate	18.227	149	4182045	47.327	ng/u1	99
80) Fluoranthene	19.321	202	3997475	86.096	ng/u1	100
82) Pyrene	19.686	202	3950008	83.640	ng/u1	98
83) Butylbenzylphthalate	20.586	149	1689105	85.758	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.374	252	1145787	74.471	ng/u1	99
85) Benzo(a)anthracene	21.439	228	3511914	77.361	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	2366468	81.442	ng/u1	95
87) Chrysene	21.492	228	3190524	76.167	ng/u1	99
89) Di-n-octyl phthalate	22.286	149	3887123	86.592	ng/u1	100
90) Benzo(b)fluoranthene	23.127	252	3273573	79.548	ng/u1	97
91) Benzo(k)fluoranthene	23.174	252	3191317	82.121	ng/u1	99
93) Benzo(a)pyrene	23.757	252	2816404	81.346	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.362	276	3603931m	86.281	ng/u1	
95) Dibenzo(a,h)anthracene	26.368	278	2922904	84.592	ng/u1	97
96) Benzo(g,h,i)perylene	27.127	276	2913900	88.577	ng/u1	99

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

