

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023776.D
 Acq On : 24 Jan 2023 14:32
 Operator : CG/JU
 Sample : 01226-09MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EX9G4MS

Quant Time: Jan 24 23:57:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 23:52:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 01/25/2023

Supervised By :Yogesh
 Patel
 01/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	211378	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	892870	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	474850	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1159774	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	935221	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	1007194	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	19129	3.894	ng/uL	0.00
4) Pyridine-d5	3.693	84	203406	13.802	ng/u1	0.00
7) Phenol-d5	7.046	99	112666	6.014	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	251249	21.862	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	260027	18.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	210922	14.106	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	163740	24.319	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	173446	24.335	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	320605	23.583	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	548678	25.658	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1033968	29.271	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1067173	27.267	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	38784	5.393	ng/u1	0.00
60) Fluorene-d10	15.528	176	885443	29.336	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	146477	20.936	ng/u1	0.00
73) Anthracene-d10	17.386	188	1408208	27.134	ng/u1	0.00
81) Pyrene-d10	19.680	212	1609570	30.093	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	1340210	26.907	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	20305	3.916	ng/uL	94
5) Pyridine	3.711	79	218144	14.459	ng/u1	99
6) Benzaldehyde	7.022	77	277784	38.287	ng/u1	99
8) Phenol	7.075	94	131788	6.911	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.310	93	380112	25.227	ng/u1	98
12) 2-Chlorophenol	7.446	128	304910	20.565	ng/u1	99
13) 2-Methylphenol	8.334	108	263275	18.345	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	504417	25.031	ng/u1	98
16) Acetophenone	8.716	105	584321	25.283	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	309682	26.613	ng/u1	98
18) 4-Methylphenol	8.669	108	250584	15.856	ng/u1	95
19) Hexachloroethane	8.969	117	144902	24.435	ng/u1	96
22) Nitrobenzene	9.099	77	457311	27.139	ng/u1	99
23) Isophorone	9.628	82	873696	28.669	ng/u1	99
25) 2-Nitrophenol	9.810	139	214341	27.054	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	376364	23.408	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.110	93	521426	26.378	ng/u1	99
29) 2,4-Dichlorophenol	10.346	162	358040	26.320	ng/u1	98
30) Naphthalene	10.746	128	1213470	25.282	ng/u1	99
32) 4-Chloroaniline	10.863	127	566761	26.463	ng/u1	97
33) Hexachlorobutadiene	11.034	225	206336	24.524	ng/u1	96
34) Caprolactam	11.651	113	17899m	3.918	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	403062	27.175	ng/u1	99
36) 2-Methylnaphthalene	12.357	142	825541	25.801	ng/u1	97

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37) 1-Methylnaphthalene	12.581	142	863867	26.426	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.728	216	424495	30.226	ng/u1	95
40) Hexachlorocyclopentadiene	12.704	237	218688	24.707	ng/u1	99
41) 2,4,6-Trichlorophenol	12.969	196	290159	31.344	ng/u1	91
42) 2,4,5-Trichlorophenol	13.040	196	339110	33.496	ng/u1	92
43) 1,1'-Biphenyl	13.369	154	1024275	27.959	ng/u1	99
44) 2-Chloronaphthalene	13.416	162	827592	29.118	ng/u1	98
45) 2-Nitroaniline	13.622	65	302123	38.545	ng/u1	97
47) Dimethylphthalate	13.998	163	1180941	33.271	ng/u1	98
48) 2,6-Dinitrotoluene	14.122	165	252561	37.638	ng/u1	98
50) Acenaphthylene	14.263	152	1354775	31.131	ng/u1	99
51) 3-Nitroaniline	14.451	138	244371	36.342	ng/u1	98
52) Acenaphthene	14.604	153	913823	29.784	ng/u1	99
53) 2,4-Dinitrophenol	14.651	184	14930	3.404	ng/u1	91
55) 4-Nitrophenol	14.757	109	34991	6.025	ng/u1	90
56) Dibenzofuran	14.934	168	1268686	29.707	ng/u1	96
57) 2,4-Dinitrotoluene	14.904	165	349628	35.691	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	285124	32.867	ng/u1	99
59) Diethylphthalate	15.363	149	1210366	34.041	ng/u1	98
61) Fluorene	15.586	166	1168078	33.777	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.581	204	570521	33.888	ng/u1	98
63) 4-Nitroaniline	15.616	138	269444m	43.521	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.669	198	162268	23.502	ng/u1	96
67) N-Nitrosodiphenylamine	15.798	169	1043889	32.073	ng/u1	99
68) 4-Bromophenyl-phenylether	16.475	248	370590	31.879	ng/u1	98
69) Hexachlorobenzene	16.586	284	408632	29.996	ng/u1	95
70) Atrazine	16.757	200	411595	33.789	ng/u1	99
71) Pentachlorophenol	16.933	266	265326	30.517	ng/u1	96
72) Phenanthrene	17.328	178	1879386	30.243	ng/u1	99
74) Anthracene	17.422	178	1883903	30.461	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	392776	25.155	ng/uL	97
76) Pentachlorobenzene	14.857	250	411683	26.322	ng/uL	99
77) Carbazole	17.692	167	1855767	33.046	ng/u1	99
78) Di-n-butylphthalate	18.257	149	2350741	35.257	ng/u1	100
80) Fluoranthene	19.345	202	2245374	35.892	ng/u1	99
82) Pyrene	19.710	202	2281591	34.529	ng/u1	100
83) Butylbenzylphthalate	20.610	149	1104467	42.220	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.404	252	125919	6.164	ng/u1	99
85) Benzo(a)anthracene	21.463	228	1988437	31.388	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1466013	38.597	ng/u1	98
87) Chrysene	21.521	228	1849324	31.135	ng/u1	98
89) Di-n-octyl phthalate	22.316	149	2567718	36.939	ng/u1	100
90) Benzo(b)fluoranthene	23.168	252	2051668	31.979	ng/u1	99
91) Benzo(k)fluoranthene	23.215	252	1922968	30.303	ng/u1	98
93) Benzo(a)pyrene	23.792	252	1694148	30.448	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.421	276	2002536	29.122	ng/u1	98
95) Dibenzo(a,h)anthracene	26.433	278	1650499	29.028	ng/u1	99
96) Benzo(g,h,i)perylene	27.192	276	1604433	29.298	ng/u1	94

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

Manual Integrations

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