

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
 Data File : BN017566.D
 Acq On : 23 Nov 2021 14:57
 Operator : CG/JU
 Sample : M4702-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

DBLN9MS

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

11/23/2021

Supervised By :mohammad
ahmed

Quant Time: Nov 23 17:12:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 22 16:16:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	306076	20.000	ng/u1	0.00
20) Naphthalene-d8	10.640	136	1361600	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	830751	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	1580444	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	1111761	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	981076	20.000	ng/u1	0.00

11/26/2021

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.311	96	26369	3.079	ng/uL	0.00
4) Pyridine-d5	3.711	84	236434	10.521	ng/u1	0.00
7) Phenol-d5	7.005	99	501015	17.981	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	316134	18.105	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	390146	18.492	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	367321	16.759	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	192896	18.700	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	199058	19.504	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	390020	19.411	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	476453	16.514	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1218234	20.169	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	1507388	19.437	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	198898	19.459	ng/u1	0.00
60) Fluorene-d10	15.469	176	1012728	19.879	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	161907	19.724	ng/u1	0.00
73) Anthracene-d10	17.322	188	1504861	20.486	ng/u1	0.00
81) Pyrene-d10	19.616	212	1606781	22.767	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	1071251	20.769	ng/u1	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.340	88	59885	7.082	ng/uL	96
5) Pyridine	3.728	79	335132	14.818	ng/u1	92
6) Benzaldehyde	6.975	77	332420	22.489	ng/u1	89
8) Phenol	7.028	94	632636	22.417	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.263	93	473513	20.464	ng/u1	100
12) 2-Chlorophenol	7.405	128	456399	20.993	ng/u1	97
13) 2-Methylphenol	8.281	108	441907	20.790	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	640170	20.521	ng/u1	96
16) Acetophenone	8.657	105	722867	22.054	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.652	70	375305	21.969	ng/u1	93
18) 4-Methylphenol	8.610	108	487583	21.413	ng/u1	97
19) Hexachloroethane	8.928	117	189205	20.597	ng/u1	98
22) Nitrobenzene	9.040	77	545316	20.918	ng/u1	96
23) Isophorone	9.563	82	1072192	21.974	ng/u1	96
25) 2-Nitrophenol	9.751	139	248302	22.056	ng/u1#	89
26) 2,4-Dimethylphenol	9.810	107	380106	14.600	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.051	93	650511	20.483	ng/u1	99
29) 2,4-Dichlorophenol	10.287	162	437717	21.604	ng/u1	98
30) Naphthalene	10.687	128	1494175	20.512	ng/u1	98
32) 4-Chloroaniline	10.793	127	571622	19.526	ng/u1	99
33) Hexachlorobutadiene	10.987	225	268536	20.150	ng/u1	99
34) Caprolactam	11.540	113	149472m	24.326	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	518043	22.727	ng/u1	96
36) 2-Methylnaphthalene	12.298	142	1039730	21.386	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	1043686	21.202	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.675	216	522500	21.205	ng/ul	98
40) Hexachlorocyclopentadiene	12.657	237	209498	13.256	ng/ul	97
41) 2,4,6-Trichlorophenol	12.910	196	347386	23.077	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	382501	23.303	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	1384036	21.124	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	1052684	21.129	ng/ul	97
45) 2-Nitroaniline	13.551	65	331151	24.015	ng/ul	96
47) Dimethylphthalate	13.934	163	1337817	22.345	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	270351	24.061	ng/ul	92
50) Acenaphthylene	14.198	152	1714827	21.697	ng/ul	99
51) 3-Nitroaniline	14.375	138	269820	22.682	ng/ul	89
52) Acenaphthene	14.539	153	1120073	21.980	ng/ul	97
53) 2,4-Dinitrophenol	14.581	184	120535	21.340	ng/ul	96
55) 4-Nitrophenol	14.681	109	207868	23.317	ng/ul	84
56) Dibenzofuran	14.875	168	1586161	21.682	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	396415	24.897	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	280997	23.137	ng/ul	98
59) Diethylphthalate	15.304	149	1400669	23.360	ng/ul	99
61) Fluorene	15.528	166	1195652	21.773	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	573494	21.400	ng/ul	92
63) 4-Nitroaniline	15.534	138	259025	25.825	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.598	198	193371	23.464	ng/ul#	88
67) N-Nitrosodiphenylamine	15.733	169	1089200	22.863	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	360992	23.134	ng/ul	92
69) Hexachlorobenzene	16.533	284	378519	22.761	ng/ul#	89
70) Atrazine	16.686	200	407878	24.243	ng/ul	95
71) Pentachlorophenol	16.875	266	183273	19.381	ng/ul	97
72) Phenanthrene	17.263	178	2020896	23.436	ng/ul	98
74) Anthracene	17.357	178	1922013	22.476	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	518560	20.927	ng/ul	97
76) Pentachlorobenzene	14.798	250	473024	20.993	ng/ul	95
77) Carbazole	17.622	167	1783652	24.303	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2417082	27.101	ng/ul	99
80) Fluoranthene	19.280	202	2287518	26.945	ng/ul	99
82) Pyrene	19.645	202	2212790	26.035	ng/ul	96
83) Butylbenzylphthalate	20.551	149	959885	30.936	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.327	252	358959	16.973	ng/ul	92
85) Benzo(a)anthracene	21.392	228	1740293	23.631	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.333	149	1366815	30.436	ng/ul#	97
87) Chrysene	21.445	228	1728071	23.880	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2076503	27.868	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1665600	24.553	ng/ul	97
91) Benzo(k)fluoranthene	23.104	252	1472691	22.991	ng/ul	99
93) Benzo(a)pyrene	23.668	252	1514986	23.522	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.215	276	1700585	25.428	ng/ul	98
95) Dibenzo(a,h)anthracene	26.239	278	1419534	24.990	ng/ul	98
96) Benzo(g,h,i)perylene	26.968	276	1338546	23.417	ng/ul	96

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

