

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
 Data File : BN017242.D
 Acq On : 02 Nov 2021 16:07
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV243

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Nov 02 16:43:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 15:59:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	303577	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	1475558	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.169	164	992519	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.927	188	2089113	20.000	ng/u1	0.00
79) Chrysene-d12	21.145	240	2058876	20.000	ng/u1	0.00
88) Perylene-d12	23.345	264	1853469	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	55326	7.203	ng/uL	0.00
4) Pyridine-d5	3.422	84	385464	17.986	ng/u1	0.00
7) Phenol-d5	6.693	99	495695	17.690	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.857	67	300321	17.955	ng/u1	0.00
11) 2-Chlorophenol-d4	7.040	132	400553	17.988	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	410498	17.768	ng/u1	0.00
21) Nitrobenzene-d5	8.657	128	206273	18.017	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	231373	18.119	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	410466	17.878	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	610937	17.755	ng/u1	0.00
46) Dimethylphthalate-d6	13.592	166	1249912	16.985	ng/u1	0.00
49) Acenaphthylene-d8	13.857	160	1601211	17.299	ng/u1	0.00
54) 4-Nitrophenol-d4	14.398	143	244423	16.922	ng/u1	0.00
60) Fluorene-d10	15.169	176	1071225	17.058	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.304	200	222912	16.681	ng/u1	0.00
73) Anthracene-d10	17.022	188	1694533	17.188	ng/u1	0.00
81) Pyrene-d10	19.333	212	1967381	17.659	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.204	264	2079625	20.768	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.069	88	54603	7.263	ng/uL	96
5) Pyridine	3.446	79	395291	18.105	ng/u1	100
6) Benzaldehyde	6.657	77	263363	18.519	ng/u1	99
8) Phenol	6.722	94	500780	17.638	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.951	93	400655	17.807	ng/u1	97
12) 2-Chlorophenol	7.075	128	414301	18.200	ng/u1	98
13) 2-Methylphenol	7.963	108	388942	17.829	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.051	45	594965	17.857	ng/u1	99
16) Acetophenone	8.328	105	640290	18.425	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.322	70	320798	18.123	ng/u1	98
18) 4-Methylphenol	8.293	108	434783	17.997	ng/u1	94
19) Hexachloroethane	8.569	117	159259	17.910	ng/u1	93
22) Nitrobenzene	8.704	77	457091	17.761	ng/u1	100
23) Isophorone	9.222	82	901106	17.614	ng/u1	99
25) 2-Nitrophenol	9.410	139	248235	18.034	ng/u1	96
26) 2,4-Dimethylphenol	9.481	107	477159	17.664	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.722	93	570839	17.478	ng/u1	100
29) 2,4-Dichlorophenol	9.940	162	407033	17.920	ng/u1	95
30) Naphthalene	10.334	128	1387107	17.493	ng/u1	100
32) 4-Chloroaniline	10.451	127	610899	17.683	ng/u1	99
33) Hexachlorobutadiene	10.622	225	244443	17.620	ng/u1	97
34) Caprolactam	11.204	113	141597m	16.931	ng/u1	
35) 4-Chloro-3-methylphenol	11.598	107	450514	17.686	ng/u1	98
36) 2-Methylnaphthalene	11.957	142	952259	17.308	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.181	142	988779	17.493	ng/ul	96	11/02/2021
39) 1,2,4,5-Tetrachloroben...	12.339	216	483353	17.004	ng/ul	97	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.316	237	297836	16.444	ng/ul	91	ahmed
41) 2,4,6-Trichlorophenol	12.586	196	329314	17.443	ng/ul	97	
42) 2,4,5-Trichlorophenol	12.657	196	361660	17.469	ng/ul	90	
43) 1,1'-Biphenyl	12.992	154	1298016	17.390	ng/ul	100	
44) 2-Chloronaphthalene	13.028	162	989618	17.191	ng/ul	97	11/08/2021
45) 2-Nitroaniline	13.245	65	286908	17.910	ng/ul	96	
47) Dimethylphthalate	13.639	163	1240074	16.921	ng/ul	99	
48) 2,6-Dinitrotoluene	13.763	165	256622	17.847	ng/ul	99	
50) Acenaphthylene	13.886	152	1652822	17.369	ng/ul	99	
51) 3-Nitroaniline	14.086	138	254722	16.857	ng/ul	97	
52) Acenaphthene	14.233	153	1057856	17.153	ng/ul	99	
53) 2,4-Dinitrophenol	14.298	184	149990	16.011	ng/ul	94	
55) 4-Nitrophenol	14.410	109	173828	17.327	ng/ul	94	
56) Dibenzofuran	14.575	168	1507224	17.223	ng/ul	98	
57) 2,4-Dinitrotoluene	14.551	165	378059	17.770	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	14.804	232	300380	17.084	ng/ul	99	
59) Diethylphthalate	15.022	149	1275150	17.159	ng/ul	98	
61) Fluorene	15.227	166	1194708	17.091	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.227	204	589882	16.962	ng/ul	99	
63) 4-Nitroaniline	15.257	138	259744	17.276	ng/ul	97	
66) 4,6-Dinitro-2-methylph...	15.316	198	226580	17.079	ng/ul	97	
67) N-Nitrosodiphenylamine	15.445	169	1060930	17.159	ng/ul	97	
68) 4-Bromophenyl-phenylether	16.127	248	371419	17.190	ng/ul	98	
69) Hexachlorobenzene	16.227	284	424589	16.902	ng/ul	98	
70) Atrazine	16.410	200	398339	17.550	ng/ul	99	
71) Pentachlorophenol	16.580	266	254555	16.477	ng/ul	92	
72) Phenanthrene	16.969	178	1946581	17.062	ng/ul	99	
74) Anthracene	17.057	178	1983829	17.274	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	12.951	216	508615	17.378	ng/ul	99	
76) Pentachlorobenzene	14.492	250	520083	17.098	ng/ul	97	
77) Carbazole	17.333	167	1812915	17.616	ng/ul	99	
78) Di-n-butylphthalate	17.921	149	2184221	17.619	ng/ul	99	
80) Fluoranthene	18.992	202	2314958	17.646	ng/ul	96	
82) Pyrene	19.363	202	2349981	17.489	ng/ul	100	
83) Butylbenzylphthalate	20.292	149	1011069	18.091	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.074	252	833521	17.590	ng/ul	98	
85) Benzo(a)anthracene	21.127	228	2342152	17.349	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.086	149	1548964	18.185	ng/ul	99	
87) Chrysene	21.180	228	2300670	17.545	ng/ul	97	
89) Di-n-octyl phthalate	21.957	149	2641263	21.626	ng/ul	100	
90) Benzo(b)fluoranthene	22.686	252	2491050	20.169	ng/ul	98	
91) Benzo(k)fluoranthene	22.727	252	2480180	21.315	ng/ul	99	
93) Benzo(a)pyrene	23.245	252	2466096	20.551	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	25.556	276	2821141	19.945	ng/ul	97	
95) Dibenzo(a,h)anthracene	25.574	278	2398677	20.006	ng/ul	100	
96) Benzo(g,h,i)perylene	26.233	276	2316105	19.351	ng/ul	97	

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

