

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020123\
 Data File : BN023894.D
 Acq On : 01 Feb 2023 17:26
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV230

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2023
 Supervised By :Yogesh Patel 02/02/2023

Quant Time: Feb 02 02:16:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 02:10:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	145340	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	623053	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	412771	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	968106	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	874242	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	862864	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	28759	7.986	ng/uL	0.00
4) Pyridine-d5	3.664	84	211364	21.007	ng/u1	0.00
7) Phenol-d5	7.028	99	253072	19.939	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	159004	19.823	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	195681	19.718	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	203235	20.186	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	101339	20.047	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	117229	20.381	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	216533	20.162	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	298002	20.339	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	663254	20.126	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	749344	21.020	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	124166	20.782	ng/u1	0.00
60) Fluorene-d10	15.498	176	576529	20.868	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	130575	19.061	ng/u1	0.00
73) Anthracene-d10	17.351	188	912147	20.238	ng/u1	0.00
81) Pyrene-d10	19.651	212	1087649	20.492	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	903738	20.180	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	31546	8.504	ng/uL#	88
5) Pyridine	3.687	79	205104	20.287	ng/u1	97
6) Benzaldehyde	6.993	77	132068	23.930	ng/u1	97
8) Phenol	7.052	94	264211	20.708	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.281	93	210742	20.273	ng/u1	97
12) 2-Chlorophenol	7.417	128	210807	20.992	ng/u1	97
13) 2-Methylphenol	8.311	108	201970	20.863	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.393	45	276952	20.864	ng/u1	100
16) Acetophenone	8.687	105	333961	21.418	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	182526	21.323	ng/u1	98
18) 4-Methylphenol	8.640	108	219732	20.954	ng/u1	99
19) Hexachloroethane	8.934	117	88939	21.146	ng/u1	99
22) Nitrobenzene	9.069	77	267119	21.049	ng/u1	100
23) Isophorone	9.593	82	508886	21.246	ng/u1	98
25) 2-Nitrophenol	9.781	139	128688	21.545	ng/u1	99
26) 2,4-Dimethylphenol	9.846	107	253200	21.406	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.081	93	296260	20.246	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	218974	21.129	ng/u1	96
30) Naphthalene	10.716	128	697914	20.684	ng/u1	99
32) 4-Chloroaniline	10.834	127	303381	20.805	ng/u1	99
33) Hexachlorobutadiene	10.993	225	154041	21.211	ng/u1	96
34) Caprolactam	11.616	113	68761m	21.232	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	239997	21.604	ng/u1	98
36) 2-Methylnaphthalene	12.328	142	504455	22.003	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	497017	21.189	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.699	216	304632	21.479	ng/u1	96
40) Hexachlorocyclopentadiene	12.669	237	186307	18.246	ng/u1	95
41) 2,4,6-Trichlorophenol	12.940	196	197728	21.130	ng/u1	93
42) 2,4,5-Trichlorophenol	13.010	196	216558	21.365	ng/u1	99
43) 1,1'-Biphenyl	13.340	154	671215	20.635	ng/u1	100
44) 2-Chloronaphthalene	13.381	162	539797	21.328	ng/u1	100
45) 2-Nitroaniline	13.599	65	162964	21.444	ng/u1	95
47) Dimethylphthalate	13.969	163	698482	21.357	ng/u1	100
48) 2,6-Dinitrotoluene	14.093	165	142419	21.964	ng/u1	99
50) Acenaphthylene	14.228	152	808222	21.109	ng/u1	100
51) 3-Nitroaniline	14.422	138	134446	23.034	ng/u1	96
52) Acenaphthene	14.575	153	564029	21.221	ng/u1	96
53) 2,4-Dinitrophenol	14.628	184	96390	21.146	ng/u1	98
55) 4-Nitrophenol	14.734	109	113336	22.314	ng/u1	97
56) Dibenzofuran	14.904	168	809296	21.344	ng/u1	97
57) 2,4-Dinitrotoluene	14.881	165	203767	22.211	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.134	232	197846	21.887	ng/u1	97
59) Diethylphthalate	15.334	149	699533	21.526	ng/u1	97
61) Fluorene	15.557	166	655543	21.141	ng/u1	90
62) 4-Chlorophenyl-phenyle...	15.551	204	353768	21.747	ng/u1	97
63) 4-Nitroaniline	15.587	138	125000	23.596	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.640	198	139672	21.176	ng/u1	99
67) N-Nitrosodiphenylamine	15.769	169	591569	21.163	ng/u1	98
68) 4-Bromophenyl-phenylether	16.445	248	229738	20.262	ng/u1	98
69) Hexachlorobenzene	16.557	284	269649	20.585	ng/u1	91
70) Atrazine	16.722	200	218061	19.415	ng/u1	97
71) Pentachlorophenol	16.904	266	171766	20.480	ng/u1	100
72) Phenanthrene	17.298	178	1061896	20.366	ng/u1	99
74) Anthracene	17.392	178	1088371	20.943	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	299865	20.133	ng/uL#	89
76) Pentachlorobenzene	14.822	250	325355	21.904	ng/uL	98
77) Carbazole	17.663	167	975792	21.428	ng/u1	100
78) Di-n-butylphthalate	18.228	149	1296801	13.286	ng/u1	99
80) Fluoranthene	19.316	202	1334140	21.531	ng/u1	98
82) Pyrene	19.681	202	1351875	21.450	ng/u1	99
83) Butylbenzylphthalate	20.581	149	561546	21.363	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.369	252	466435	22.716	ng/u1	95
85) Benzo(a)anthracene	21.433	228	1320768	21.801	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.357	149	833212	21.486	ng/u1	97
87) Chrysene	21.486	228	1233152	22.059	ng/u1	95
89) Di-n-octyl phthalate	22.286	149	1359714	20.950	ng/u1	100
90) Benzo(b)fluoranthene	23.122	252	1213769	20.396	ng/u1	98
91) Benzo(k)fluoranthene	23.169	252	1183121	21.053	ng/u1	99
93) Benzo(a)pyrene	23.745	252	1017942	20.332	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.333	276	1093637	18.102	ng/u1	97
95) Dibenzo(a,h)anthracene	26.345	278	1025679	20.528	ng/u1	100
96) Benzo(g,h,i)perylene	27.104	276	954059	20.055	ng/u1	99

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

