

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030822\
 Data File : BN018869.D
 Acq On : 08 Mar 2022 14:04
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV202

Quant Time: Mar 08 14:47:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 14:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	130238	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	607528	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	434925	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	952345	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1028225	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1107658	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	21740	6.676	ng/uL	0.00
4) Pyridine-d5	3.693	84	178177	17.882	ng/u1	0.00
7) Phenol-d5	7.057	99	214909	16.902	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	147422	19.249	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	160657	17.631	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	180712	17.479	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	86108	18.452	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	95031	18.535	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	182210	18.579	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	258357	17.494	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	593604	18.027	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	757767	18.487	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	116010	17.396	ng/u1	0.00
60) Fluorene-d10	15.528	176	504151	17.613	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	103006	17.453	ng/u1	0.00
73) Anthracene-d10	17.375	188	809664	17.775	ng/u1	0.00
81) Pyrene-d10	19.669	212	978824	17.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1037028	17.964	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	22704	6.424	ng/uL	97
5) Pyridine	3.711	79	155758	15.157	ng/u1	95
6) Benzaldehyde	7.034	77	142166	21.955	ng/u1	97
8) Phenol	7.087	94	222238	16.706	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	176372	17.187	ng/u1	96
12) 2-Chlorophenol	7.463	128	167342	17.318	ng/u1	97
13) 2-Methylphenol	8.346	108	172516	17.370	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	253426	17.299	ng/u1	99
16) Acetophenone	8.728	105	283162	17.673	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	149596	18.320	ng/u1	96
18) 4-Methylphenol	8.675	108	190378	17.140	ng/u1	98
19) Hexachloroethane	8.999	117	66528	17.645	ng/u1	98
22) Nitrobenzene	9.104	77	218732	18.060	ng/u1	98
23) Isophorone	9.634	82	424160	18.326	ng/u1	99
25) 2-Nitrophenol	9.822	139	104101	18.269	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	220566	17.822	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	256424	17.550	ng/u1	98
29) 2,4-Dichlorophenol	10.357	162	178833	17.922	ng/u1	97
30) Naphthalene	10.763	128	595845	17.797	ng/u1	100
32) 4-Chloroaniline	10.863	127	268662	17.533	ng/u1	99
33) Hexachlorobutadiene	11.063	225	114662	18.290	ng/u1	94
34) Caprolactam	11.604	113	62775	17.299	ng/u1	98
35) 4-Chloro-3-methylphenol	11.987	107	213891	18.303	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	432445	18.372	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	422797	17.394	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	218387	16.423	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	133893	17.138	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.975	196	152480	17.739	ng/ul	91
42) 2,4,5-Trichlorophenol	13.045	196	167005	17.589	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	571671	16.723	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	452920	17.204	ng/ul	98
45) 2-Nitroaniline	13.616	65	142924	18.216	ng/ul	96
47) Dimethylphthalate	13.992	163	591835	17.530	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	126642	19.575	ng/ul	94
50) Acenaphthylene	14.263	152	769828	17.959	ng/ul	99
51) 3-Nitroaniline	14.434	138	136158	21.727	ng/ul	96
52) Acenaphthene	14.604	153	487916	17.388	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	65994	15.956	ng/ul	99
55) 4-Nitrophenol	14.734	109	101197	17.624	ng/ul	97
56) Dibenzofuran	14.939	168	706697	17.434	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	176555	18.131	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	141270	18.089	ng/ul	98
59) Diethylphthalate	15.351	149	588745	17.521	ng/ul	99
61) Fluorene	15.586	166	566110	17.739	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	276056	17.560	ng/ul	99
63) 4-Nitroaniline	15.592	138	142309	24.387	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	102550	17.053	ng/ul	99
67) N-Nitrosodiphenylamine	15.786	169	501286	17.653	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	170218	17.340	ng/ul	96
69) Hexachlorobenzene	16.592	284	196643	17.470	ng/ul	99
70) Atrazine	16.733	200	179701	16.889	ng/ul	99
71) Pentachlorophenol	16.933	266	114135	16.274	ng/ul	95
72) Phenanthrene	17.322	178	940946	17.343	ng/ul	100
74) Anthracene	17.410	178	953685	17.627	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	222182	15.087	ng/uL	98
76) Pentachlorobenzene	14.863	250	229186	17.200	ng/uL	95
77) Carbazole	17.680	167	897458	18.371	ng/ul	99
78) Di-n-butylphthalate	18.245	149	999605	18.208	ng/ul	100
80) Fluoranthene	19.333	202	1114930	16.926	ng/ul	99
82) Pyrene	19.692	202	1153379	17.141	ng/ul	97
83) Butylbenzylphthalate	20.592	149	464274	18.124	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.368	252	449768	20.185	ng/ul	96
85) Benzo(a)anthracene	21.439	228	1239637	17.843	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.368	149	712465	18.482	ng/ul	99
87) Chrysene	21.492	228	1118954	16.632	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	1246429	17.956	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1330783	17.760	ng/ul	98
91) Benzo(k)fluoranthene	23.168	252	1244397	17.896	ng/ul	97
93) Benzo(a)pyrene	23.745	252	1264314	17.431	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.339	276	1407083	17.513	ng/ul	98
95) Dibenzo(a,h)anthracene	26.351	278	1207708	16.955	ng/ul	97
96) Benzo(g,h,i)perylene	27.092	276	1184793	16.574	ng/ul	98

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

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