

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081822\
 Data File : BN021290.D
 Acq On : 18 Aug 2022 21:51
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV230

Quant Time: Aug 18 22:19:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 21:26:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
 Supervised By :Sohil Jodhani 08/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	131747	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	538693	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	308426	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	593958	20.000	ng/u1	0.00
79) Chrysene-d12	21.698	240	556263	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	576416	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	28413	7.959	ng/uL	0.00
4) Pyridine-d5	3.817	84	182618	19.387	ng/u1	0.00
7) Phenol-d5	7.240	99	208398	18.688	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	129507	19.344	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	167242	19.630	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	154411	18.780	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	71788	20.651	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	62972	21.065	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	142902	19.365	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	218029	19.167	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	389315	18.975	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	488503	19.311	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	67127	18.924	ng/u1	0.00
60) Fluorene-d10	15.745	176	345720	19.131	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	36118	17.907	ng/u1	0.00
73) Anthracene-d10	17.604	188	502201	19.177	ng/u1	0.00
81) Pyrene-d10	19.892	212	549522	19.414	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	549458	19.443	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	29367	7.671	ng/uL	92
5) Pyridine	3.840	79	183387	19.429	ng/u1#	84
6) Benzaldehyde	7.222	77	103815	21.600	ng/u1	92
8) Phenol	7.269	94	218029	19.179	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.510	93	176963	19.227	ng/u1	93
12) 2-Chlorophenol	7.652	128	176922	19.577	ng/u1	96
13) 2-Methylphenol	8.540	108	161580	19.005	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	220253	19.459	ng/u1	96
16) Acetophenone	8.928	105	249516	19.441	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.910	70	121972	19.239	ng/u1	95
18) 4-Methylphenol	8.869	108	170099	19.003	ng/u1	98
19) Hexachloroethane	9.193	117	72941	19.293	ng/u1	95
22) Nitrobenzene	9.316	77	175723	20.341	ng/u1	93
23) Isophorone	9.846	82	338802	18.730	ng/u1	98
25) 2-Nitrophenol	10.034	139	77085	21.744	ng/u1	93
26) 2,4-Dimethylphenol	10.093	107	180537	19.279	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.334	93	217071	19.178	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	148179	19.632	ng/u1	99
30) Naphthalene	10.981	128	540870	19.604	ng/u1	99
32) 4-Chloroaniline	11.093	127	221974	19.076	ng/u1	100
33) Hexachlorobutadiene	11.269	225	90939	19.799	ng/u1	99
34) Caprolactam	11.840	113	44851	18.176	ng/u1	83
35) 4-Chloro-3-methylphenol	12.210	107	151950	19.225	ng/u1	98
36) 2-Methylnaphthalene	12.587	142	345319	19.112	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	347044	19.200	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.945	216	170378	20.050	ng/ul	95
40) Hexachlorocyclopentadiene	12.934	237	95649	18.206	ng/ul	99
41) 2,4,6-Trichlorophenol	13.187	196	98310	19.346	ng/ul	98
42) 2,4,5-Trichlorophenol	13.257	196	107862	19.528	ng/ul	100
43) 1,1'-Biphenyl	13.592	154	442447	18.862	ng/ul	99
44) 2-Chloronaphthalene	13.634	162	339467	19.192	ng/ul	97
45) 2-Nitroaniline	13.834	65	77644	21.212	ng/ul	89
47) Dimethylphthalate	14.210	163	407601	19.258	ng/ul	98
48) 2,6-Dinitrotoluene	14.328	165	65300	21.030	ng/ul	98
50) Acenaphthylene	14.475	152	549819	19.103	ng/ul	98
51) 3-Nitroaniline	14.651	138	69095	19.070	ng/ul#	96
52) Acenaphthene	14.816	153	360859	19.619	ng/ul	98
53) 2,4-Dinitrophenol	14.857	184	23475	16.611	ng/ul	91
55) 4-Nitrophenol	14.951	109	54956	18.966	ng/ul	91
56) Dibenzofuran	15.151	168	504858	19.404	ng/ul	95
57) 2,4-Dinitrotoluene	15.110	165	94230	22.016	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.375	232	78777	19.838	ng/ul	99
59) Diethylphthalate	15.569	149	402078	18.935	ng/ul	96
61) Fluorene	15.798	166	393372	19.136	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	185195	19.589	ng/ul	94
63) 4-Nitroaniline	15.816	138	63633	19.258	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.869	198	38725	17.988	ng/ul	93
67) N-Nitrosodiphenylamine	16.004	169	335831	19.390	ng/ul	97
68) 4-Bromophenyl-phenylether	16.692	248	112640	20.367	ng/ul	99
69) Hexachlorobenzene	16.798	284	126110	19.597	ng/ul	94
70) Atrazine	16.957	200	116003	19.649	ng/ul	97
71) Pentachlorophenol	17.145	266	61433	18.325	ng/ul	99
72) Phenanthrene	17.545	178	617280	19.794	ng/ul	100
74) Anthracene	17.639	178	618588	19.549	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.557	216	167686	19.760	ng/uL	98
76) Pentachlorobenzene	15.063	250	155221	20.181	ng/uL	94
77) Carbazole	17.910	167	578755	20.048	ng/ul	98
78) Di-n-butylphthalate	18.475	149	686766	19.613	ng/ul	100
80) Fluoranthene	19.563	202	687723	19.717	ng/ul	97
82) Pyrene	19.922	202	715073	19.817	ng/ul#	93
83) Butylbenzylphthalate	20.822	149	287562	20.467	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.610	252	229299	21.224	ng/ul#	95
85) Benzo(a)anthracene	21.674	228	675456	19.954	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.610	149	446810	20.038	ng/ul	98
87) Chrysene	21.733	228	650078	19.835	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	767210	19.566	ng/ul	100
90) Benzo(b)fluoranthene	23.457	252	712831	19.810	ng/ul	98
91) Benzo(k)fluoranthene	23.504	252	649169m	19.571	ng/ul	
93) Benzo(a)pyrene	24.121	252	675963	19.529	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.915	276	794462	19.404	ng/ul	96
95) Dibenzo(a,h)anthracene	26.945	278	690771	19.783	ng/ul	97
96) Benzo(g,h,i)perylene	27.745	276	698966	19.633	ng/ul	94

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

Manual Integrations

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