

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011921\
 Data File : BM028458.D
 Acq On : 19 Jan 2021 14:41
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Quant Time: Jan 19 15:25:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 19 14:03:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	36348	20.00	ng/ul	0.00
20) Naphthalene-d8	10.904	136	147259	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	83005	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	156033	20.00	ng/ul	0.00
79) Chrysene-d12	21.574	240	133999	20.00	ng/ul	0.00
88) Perylene-d12	23.886	264	117397	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	6864	7.92	ng/uL	0.00
4) Pyridine-d5	3.781	84	50939	20.57	ng/ul	0.00
7) Phenol-d5	7.228	99	62456	20.51	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	40140	20.85	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	54107	20.79	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	51525	20.82	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	25603	21.25	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	28618	22.06	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	51929	21.30	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	68373	20.98	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	141583	21.28	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	172043	21.23	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	23497	20.12	ng/ul	0.00
60) Fluorene-d10	15.704	176	117319	20.96	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	20541	20.49	ng/ul	0.00
73) Anthracene-d10	17.545	188	165462	21.33	ng/ul	0.00
81) Pyrene-d10	19.809	212	164871	21.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	143618	22.27	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	7314	7.89	ng/uL	99
5) Pyridine	3.799	79	51040	20.56	ng/ul	97
6) Benzaldehyde	7.210	77	19660	16.12	ng/ul	99
8) Phenol	7.257	94	64275	20.84	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.492	93	53624	20.90	ng/ul	97
12) 2-Chlorophenol	7.634	128	55308	20.94	ng/ul	98
13) 2-Methylphenol	8.522	108	49317	20.99	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.610	45	92373	21.03	ng/ul	99
16) Acetophenone	8.916	105	79541	20.98	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.898	70	41072	21.91	ng/ul	95
18) 4-Methylphenol	8.857	108	52515	20.90	ng/ul	99
19) Hexachloroethane	9.169	117	24203	20.78	ng/ul	98
22) Nitrobenzene	9.298	77	62528	21.11	ng/ul	99
23) Isophorone	9.828	82	111192	21.56	ng/ul	98
25) 2-Nitrophenol	10.016	139	30889	21.98	ng/ul	96
26) 2,4-Dimethylphenol	10.063	107	59285	21.46	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.304	93	71295	21.24	ng/ul	100
29) 2,4-Dichlorophenol	10.545	162	50139	21.25	ng/ul	98
30) Naphthalene	10.951	128	177903	21.15	ng/ul	99
32) 4-Chloroaniline	11.063	127	66372	20.93	ng/ul	96
33) Hexachlorobutadiene	11.228	225	33701	21.07	ng/ul	98
34) Caprolactam	11.839	113	14297	20.61	ng/ul	94
35) 4-Chloro-3-methylphenol	12.175	107	51338	21.32	ng/ul	98
36) 2-Methylnaphthalene	12.557	142	121391	21.42	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	116002	21.27	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	60301	21.15	ng/ul	100
40) Hexachlorocyclopentadiene	12.892	237	28824	19.65	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	38090	21.37	ng/ul	98
42) 2,4,5-Trichlorophenol	13.227	196	40074	20.92	ng/ul	97
43) 1,1'-Biphenyl	13.557	154	152612	21.00	ng/ul	99
44) 2-Chloronaphthalene	13.604	162	118584	20.95	ng/ul	99
45) 2-Nitroaniline	13.804	65	32834	21.01	ng/ul	97
47) Dimethylphthalate	14.174	163	145511	21.36	ng/ul	98
48) 2,6-Dinitrotoluene	14.298	165	29098	21.61	ng/ul	99
50) Acenaphthylene	14.445	152	176247	21.27	ng/ul	99
51) 3-Nitroaniline	14.621	138	21119	17.25	ng/ul	100
52) Acenaphthene	14.786	153	125864	21.07	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	13908	18.90	ng/ul	98
55) 4-Nitrophenol	14.921	109	18558	19.91	ng/ul	94
56) Dibenzofuran	15.116	168	166941	20.86	ng/ul	99
57) 2,4-Dinitrotoluene	15.080	165	39269	21.66	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	32760	21.05	ng/ul	100
59) Diethylphthalate	15.527	149	149582	21.34	ng/ul	100
61) Fluorene	15.763	166	139554	20.96	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	68725	20.69	ng/ul	100
63) 4-Nitroaniline	15.774	138	14096	13.21	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.839	198	22376	20.79	ng/ul	99
67) N-Nitrosodiphenylamine	15.963	169	112921	21.52	ng/ul	100
68) 4-Bromophenyl-phenylether	16.639	248	40762	21.45	ng/ul	97
69) Hexachlorobenzene	16.757	284	46109	21.42	ng/ul	98
70) Atrazine	16.904	200	40864	21.05	ng/ul	99
71) Pentachlorophenol	17.098	266	24251	19.92	ng/ul	96
72) Phenanthrene	17.492	178	202299	21.17	ng/ul	100
74) Anthracene	17.580	178	207133	21.33	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.527	216	58436	21.83	ng/uL	99
76) Pentachlorobenzene	15.039	250	56288	21.50	ng/uL	96
77) Carbazole	17.845	167	171579	20.88	ng/ul	99
78) Di-n-butylphthalate	18.392	149	248405	21.92	ng/ul	100
80) Fluoranthene	19.480	202	216800	21.51	ng/ul	99
82) Pyrene	19.839	202	221477	21.44	ng/ul	99
83) Butylbenzylphthalate	20.709	149	103808	22.16	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	59262	21.48	ng/ul	98
85) Benzo(a)anthracene	21.556	228	193110	21.08	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	160903	22.18	ng/ul	100
87) Chrysene	21.609	228	184511	20.69	ng/ul	99
89) Di-n-octyl phthalate	22.362	149	256431	23.22	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	181710	22.58	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	174167	22.20	ng/ul	99
93) Benzo(a)pyrene	23.786	252	159716	21.93	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.250	276	186325	21.66	ng/ul	99
95) Dibenzo(a,h)anthracene	26.256	278	158005	21.61	ng/ul	99
96) Benzo(g,h,i)perylene	26.979	276	155562	21.47	ng/ul	98

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

