

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041221\
 Data File : BM029453.D
 Acq On : 12 Apr 2021 16:08
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Quant Time: Apr 12 16:39:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 12 15:46:03 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	92610	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	359258	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	196801	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	348007	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	316129	20.00	ng/ul	0.00
87) Perylene-d12	23.46	264	326170	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	20864	8.17	ng/uL	0.00
4) Pyridine-d5	3.60	84	127930	18.90	ng/ul	0.00
7) Phenol-d5	6.85	99	154754	18.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	103811	18.76	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	123201	19.40	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	116390	17.94	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	53879	19.37	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	58690	19.38	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	107289	18.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	146253	18.05	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	275676	18.17	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	334414	18.47	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	48163	16.59	ng/ul	0.00
60) Fluorene-d10	15.32	176	226872	18.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	37712	16.70	ng/ul	0.00
73) Anthracene-d10	17.16	188	319622	19.01	ng/ul	0.00
80) Pyrene-d10	19.45	212	320601	19.13	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.31	264	341815	19.21	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.22	88	21835	8.265	ng/uL 90
5) Pyridine	3.62	79	131006	18.060	ng/ul 97
6) Benzaldehyde	6.83	77	110266	23.365	ng/ul 99
8) Phenol	6.88	94	164829	18.313	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.11	93	125413	18.340	ng/ul 99
12) 2-Chlorophenol	7.25	128	131768	19.465	ng/ul 100
13) 2-Methylphenol	8.12	108	116483	17.961	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.22	45	195570	18.279	ng/ul 99
16) Acetophenone	8.50	105	193042	17.939	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.49	70	108104	18.379	ng/ul 96
18) 4-Methylphenol	8.45	108	124417	17.808	ng/ul 94
19) Hexachloroethane	8.75	117	59044	19.309	ng/ul 94
22) Nitrobenzene	8.87	77	161785	19.119	ng/ul 99
23) Isophorone	9.40	82	266082	18.503	ng/ul 97
25) 2-Nitrophenol	9.58	139	64221	18.947	ng/ul 95
26) 2,4-Dimethylphenol	9.65	107	141934	19.059	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.88	93	158035	18.805	ng/ul 99
29) 2,4-Dichlorophenol	10.11	162	110270	19.364	ng/ul 98
30) Naphthalene	10.51	128	383617	19.178	ng/ul 100
32) 4-Chloroaniline	10.62	127	148769	17.784	ng/ul 96
33) Hexachlorobutadiene	10.80	225	66088	19.635	ng/ul 93
34) Caprolactam	11.40	113	13385	7.562	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	113674	17.968	ng/ul	98
36) 2-Methylnaphthalene	12.13	142	257675	18.774	ng/ul	96
37) 1-Methylnaphthalene	12.35	142	254290	18.547	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	109867	19.076	ng/ul	99
40) Hexachlorocyclopentadiene	12.48	237	69215	17.402	ng/ul	98
41) 2,4,6-Trichlorophenol	12.75	196	72855	18.685	ng/ul	99
42) 2,4,5-Trichlorophenol	12.82	196	79633	19.031	ng/ul	96
43) 1,1'-Biphenyl	13.15	154	312635	18.709	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	242569	19.014	ng/ul	99
45) 2-Nitroaniline	13.40	65	81512	18.536	ng/ul	97
47) Dimethylphthalate	13.78	163	282809	18.198	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	54334	18.127	ng/ul	99
50) Acenaphthylene	14.04	152	356284	18.689	ng/ul	100
51) 3-Nitroaniline	14.23	138	57879	17.870	ng/ul#	93
52) Acenaphthene	14.39	153	260059	18.547	ng/ul	97
53) 2,4-Dinitrophenol	14.43	184	28443	15.335	ng/ul	99
55) 4-Nitrophenol	14.53	109	50557	17.185	ng/ul	96
56) Dibenzofuran	14.72	168	338975	18.226	ng/ul	99
57) 2,4-Dinitrotoluene	14.69	165	76789	18.103	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.94	232	59104	18.130	ng/ul#	97
59) Diethylphthalate	15.15	149	290820	17.917	ng/ul	100
61) Fluorene	15.37	166	286051	18.039	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.37	204	124896	17.625	ng/ul	97
63) 4-Nitroaniline	15.39	138	56264	17.878	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.44	198	40430	17.280	ng/ul#	89
67) N-Nitrosodiphenylamine	15.58	169	233402	19.313	ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	68834	19.580	ng/ul	98
69) Hexachlorobenzene	16.37	284	76932	19.425	ng/ul	99
70) Atrazine	16.53	200	77427	17.953	ng/ul	96
71) Pentachlorophenol	16.72	266	43632	17.143	ng/ul	94
72) Phenanthrene	17.10	178	408937	19.053	ng/ul	98
74) Anthracene	17.19	178	423906	19.271	ng/ul	100
75) Pentachlorobenzene	14.64	250	102285	19.824	ng/ul	98
76) Carbazole	17.46	167	368799	18.160	ng/ul	99
77) Di-n-butylphthalate	18.03	149	450038	18.391	ng/ul	100
79) Fluoranthene	19.12	202	420991	19.103	ng/ul	98
81) Pyrene	19.48	202	445474	19.098	ng/ul	98
82) Butylbenzylphthalate	20.39	149	198372	18.985	ng/ul	96
83) 3,3'-Dichlorobenzidine	21.16	252	136397	19.689	ng/ul	98
84) Benzo(a)anthracene	21.23	228	403382	19.200	ng/ul	99
85) Bis(2-ethylhexyl)phthalate	21.17	149	308355	18.875	ng/ul	100
86) Chrysene	21.28	228	397985	19.613	ng/ul	99
88) Di-n-octyl phthalate	22.04	149	515068	16.696	ng/ul	100
89) Benzo(b)fluoranthene	22.79	252	412052	18.708	ng/ul	99
90) Benzo(k)fluoranthene	22.83	252	425076	19.262	ng/ul	99
92) Benzo(a)pyrene	23.36	252	375915	19.239	ng/ul	100
93) Indeno(1,2,3-cd)pyrene	25.67	276	504749	20.348	ng/ul	97
94) Dibenzo(a,h)anthracene	25.69	278	422392	20.236	ng/ul	99
95) Benzo(a,h,i)perylene	26.36	276	410146	20.435	ng/ul	99

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

