

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050323\
 Data File : BM039833.D
 Acq On : 03 May 2023 20:51
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV019

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 04 00:57:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 00:51:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	90230	20.000	ng/u1	0.00
20) Naphthalene-d8	10.578	136	386058	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.436	164	232786	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.189	188	491989	20.000	ng/u1	0.00
79) Chrysene-d12	21.389	240	462995	20.000	ng/u1	0.00
88) Perylene-d12	23.742	264	509749	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	19538	7.334	ng/uL	0.00
4) Pyridine-d5	3.602	84	122228	18.014	ng/u1	0.00
7) Phenol-d5	6.960	99	148930	18.149	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.107	67	101519	18.674	ng/u1	0.00
11) 2-Chlorophenol-d4	7.307	132	123551	19.088	ng/u1	0.00
15) 4-Methylphenol-d8	8.507	113	118211	18.687	ng/u1	0.00
21) Nitrobenzene-d5	8.948	128	59927	18.931	ng/u1	0.00
24) 2-Nitrophenol-d4	9.672	143	68185	19.201	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.213	165	116104	19.160	ng/u1	0.00
31) 4-Chloroaniline-d4	10.736	131	160628	18.482	ng/u1	0.00
46) Dimethylphthalate-d6	13.848	166	359053	19.065	ng/u1	0.00
49) Acenaphthylene-d8	14.125	160	414711	19.101	ng/u1	0.00
54) 4-Nitrophenol-d4	14.695	143	36837	15.100	ng/u1	0.00
60) Fluorene-d10	15.430	176	300339	19.328	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.583	200	58278	17.506	ng/u1	0.00
73) Anthracene-d10	17.289	188	463723	19.095	ng/u1	0.00
81) Pyrene-d10	19.595	212	545111	19.464	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.589	264	528053	19.172	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.208	88	20751	7.574	ng/uL	99
5) Pyridine	3.619	79	135016	18.453	ng/u1	98
6) Benzaldehyde	6.925	77	49288	14.603	ng/u1	97
8) Phenol	6.990	94	159904	18.584	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.201	93	127490	18.327	ng/u1	99
12) 2-Chlorophenol	7.337	128	124735	19.002	ng/u1	98
13) 2-Methylphenol	8.237	108	118131	18.160	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.307	45	198776m	19.121	ng/u1	
16) Acetophenone	8.607	105	200205	18.961	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.584	70	110848	19.283	ng/u1	98
18) 4-Methylphenol	8.572	108	129573	18.565	ng/u1	99
19) Hexachloroethane	8.837	117	59456	19.219	ng/u1	96
22) Nitrobenzene	8.990	77	155723	19.147	ng/u1	100
23) Isophorone	9.513	82	315195	19.180	ng/u1	99
25) 2-Nitrophenol	9.701	139	71118	19.435	ng/u1	98
26) 2,4-Dimethylphenol	9.766	107	147448	19.104	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.995	93	178552	19.309	ng/u1	99
29) 2,4-Dichlorophenol	10.242	162	114139	19.365	ng/u1	99
30) Naphthalene	10.625	128	420146	19.071	ng/u1	100
32) 4-Chloroaniline	10.760	127	162057	18.629	ng/u1	99
33) Hexachlorobutadiene	10.895	225	77831	18.953	ng/u1	96
34) Caprolactam	11.554	113	39218m	18.520	ng/u1	
35) 4-Chloro-3-methylphenol	11.901	107	127282	19.160	ng/u1	99
36) 2-Methylnaphthalene	12.248	142	267310	19.210	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.466	142	268555	19.009	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.619	216	139177	18.901	ng/ul	100
40) Hexachlorocyclopentadiene	12.583	237	26977	12.492	ng/ul	100
41) 2,4,6-Trichlorophenol	12.872	196	89205	18.927	ng/ul	100
42) 2,4,5-Trichlorophenol	12.960	196	91522	18.652	ng/ul	99
43) 1,1'-Biphenyl	13.266	154	358771	19.061	ng/ul	99
44) 2-Chloronaphthalene	13.307	162	280384	19.117	ng/ul	98
45) 2-Nitroaniline	13.536	65	84645	19.294	ng/ul	98
47) Dimethylphthalate	13.895	163	358020	19.021	ng/ul	99
48) 2,6-Dinitrotoluene	14.030	165	71278	19.117	ng/ul	97
50) Acenaphthylene	14.154	152	452016	19.155	ng/ul	99
51) 3-Nitroaniline	14.372	138	53214	16.622	ng/ul	97
52) Acenaphthene	14.495	153	309065	19.138	ng/ul	99
53) 2,4-Dinitrophenol	14.607	184	26527	14.435	ng/ul	95
55) 4-Nitrophenol	14.707	109	28057	14.322	ng/ul	99
56) Dibenzofuran	14.836	168	427509	19.363	ng/ul	98
57) 2,4-Dinitrotoluene	14.830	165	103594	19.545	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.077	232	84017	19.664	ng/ul	99
59) Diethylphthalate	15.260	149	371118	19.177	ng/ul	99
61) Fluorene	15.489	166	352721	19.290	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.483	204	169660	19.106	ng/ul	100
63) 4-Nitroaniline	15.548	138	39830m	16.155	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.601	198	57326	17.820	ng/ul#	95
67) N-Nitrosodiphenylamine	15.701	169	288864	19.208	ng/ul	99
68) 4-Bromophenyl-phenylether	16.377	248	100794	18.813	ng/ul	98
69) Hexachlorobenzene	16.495	284	117648	18.898	ng/ul	99
70) Atrazine	16.660	200	104006	18.738	ng/ul	99
71) Pentachlorophenol	16.854	266	56992	17.639	ng/ul	97
72) Phenanthrene	17.230	178	546245	19.246	ng/ul	99
74) Anthracene	17.324	178	549835	19.085	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.230	216	143707	18.529	ng/uL	99
76) Pentachlorobenzene	14.754	250	140836	18.666	ng/uL	99
77) Carbazole	17.607	167	482879	18.709	ng/ul	99
78) Di-n-butylphthalate	18.160	149	652633	18.903	ng/ul	100
80) Fluoranthene	19.259	202	627851	19.149	ng/ul	100
82) Pyrene	19.624	202	662142	19.078	ng/ul	99
83) Butylbenzylphthalate	20.518	149	303426	18.935	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.318	252	213810	18.489	ng/ul	100
85) Benzo(a)anthracene	21.377	228	633899	19.169	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.295	149	456071	18.882	ng/ul	100
87) Chrysene	21.430	228	611392	19.134	ng/ul	98
89) Di-n-octyl phthalate	22.200	149	783697	18.256	ng/ul	100
90) Benzo(b)fluoranthene	23.024	252	635674	18.800	ng/ul	99
91) Benzo(k)fluoranthene	23.071	252	650062	19.131	ng/ul	100
93) Benzo(a)pyrene	23.636	252	576135	19.163	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.177	276	749645	19.144	ng/ul	99
95) Dibenzo(a,h)anthracene	26.188	278	621832	19.172	ng/ul	99
96) Benzo(g,h,i)perylene	26.930	276	608783	19.228	ng/ul	99

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

