

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050323\
 Data File : BM039828.D
 Acq On : 03 May 2023 17:50
 Operator : CG/JU
 Sample : SSTD01052
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010014

Manual Integrations
 APPROVED

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

Quant Time: May 04 00:38:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 03 23:57:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	93854	20.000	ng/u1	0.00
20) Naphthalene-d8	10.578	136	391571	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.436	164	234630	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	497330	20.000	ng/u1	0.00
79) Chrysene-d12	21.395	240	469826	20.000	ng/u1	0.00
88) Perylene-d12	23.747	264	512163	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	11010	4.503	ng/uL	0.00
4) Pyridine-d5	3.602	84	57466m	8.364	ng/u1	0.00
7) Phenol-d5	6.966	99	73067	8.506	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.113	67	49849	8.780	ng/u1	0.00
11) 2-Chlorophenol-d4	7.307	132	62654	9.298	ng/u1	0.00
15) 4-Methylphenol-d8	8.513	113	55348	7.999	ng/u1	0.00
21) Nitrobenzene-d5	8.948	128	29311	9.304	ng/u1	0.00
24) 2-Nitrophenol-d4	9.672	143	32496	9.186	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.225	165	55825	9.172	ng/u1	0.00
31) 4-Chloroaniline-d4	10.742	131	74627	8.209	ng/u1	0.00
46) Dimethylphthalate-d6	13.854	166	182644	9.652	ng/u1	0.00
49) Acenaphthylene-d8	14.130	160	206992	9.737	ng/u1	0.00
54) 4-Nitrophenol-d4	14.713	143	11116	3.882	ng/u1	0.02
60) Fluorene-d10	15.436	176	149363	9.634	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.589	200	25150	7.610	ng/u1	0.00
73) Anthracene-d10	17.295	188	232176	9.707	ng/u1	0.00
81) Pyrene-d10	19.595	212	271776	8.705	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.594	264	260019	9.404	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.208	88	11356	4.244	ng/uL	95
5) Pyridine	3.625	79	68831	9.501	ng/u1	96
6) Benzaldehyde	6.925	77	39319m	10.714	ng/u1	
8) Phenol	6.990	94	77435	8.658	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.207	93	64767	8.686	ng/u1	98
12) 2-Chlorophenol	7.343	128	63737	9.400	ng/u1	97
13) 2-Methylphenol	8.242	108	60351	8.688	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.313	45	102841m	9.930	ng/u1	
16) Acetophenone	8.613	105	95039	8.362	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.589	70	56127	8.923	ng/u1	98
18) 4-Methylphenol	8.578	108	62359	8.315	ng/u1	96
19) Hexachloroethane	8.842	117	30499	9.904	ng/u1	99
22) Nitrobenzene	8.995	77	75072	9.651	ng/u1	99
23) Isophorone	9.513	82	156869	9.458	ng/u1	99
25) 2-Nitrophenol	9.707	139	33432	9.058	ng/u1	97
26) 2,4-Dimethylphenol	9.772	107	72518	9.615	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.001	93	88291	9.052	ng/u1	99
29) 2,4-Dichlorophenol	10.248	162	53499	8.923	ng/u1	97
30) Naphthalene	10.631	128	212782	9.821	ng/u1	99
32) 4-Chloroaniline	10.766	127	72464	8.090	ng/u1	97
33) Hexachlorobutadiene	10.901	225	40311	10.203	ng/u1	97
34) Caprolactam	11.554	113	18782m	8.412	ng/u1	
35) 4-Chloro-3-methylphenol	11.907	107	62257	8.893	ng/u1	95
36) 2-Methylnaphthalene	12.248	142	132110	9.096	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.472	142	135883	9.310	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.625	216	69844	9.917	ng/ul	97
40) Hexachlorocyclopentadiene	12.589	237	6951	1.657	ng/ul	94
41) 2,4,6-Trichlorophenol	12.877	196	43698	9.288	ng/ul	97
42) 2,4,5-Trichlorophenol	12.966	196	42971	8.787	ng/ul	97
43) 1,1'-Biphenyl	13.266	154	180380	9.948	ng/ul	99
44) 2-Chloronaphthalene	13.313	162	141187	9.926	ng/ul	97
45) 2-Nitroaniline	13.542	65	39479	9.618	ng/ul	99
47) Dimethylphthalate	13.901	163	181709	9.699	ng/ul	99
48) 2,6-Dinitrotoluene	14.036	165	34101	9.000	ng/ul	96
50) Acenaphthylene	14.160	152	227048	9.985	ng/ul	99
51) 3-Nitroaniline	14.383	138	23109m	6.507	ng/ul	
52) Acenaphthene	14.501	153	156736	10.011	ng/ul	100
53) 2,4-Dinitrophenol	14.619	184	9174m	4.548	ng/ul	
55) 4-Nitrophenol	14.724	109	7982m	3.669	ng/ul	
56) Dibenzofuran	14.842	168	212472	9.985	ng/ul	99
57) 2,4-Dinitrotoluene	14.836	165	49097	9.325	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.077	232	40185	9.181	ng/ul	97
59) Diethylphthalate	15.266	149	189048	9.734	ng/ul	99
61) Fluorene	15.489	166	178258	10.127	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.483	204	85599	9.811	ng/ul	99
63) 4-Nitroaniline	15.554	138	21258m	7.805	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.607	198	25120	7.906	ng/ul#	96
67) N-Nitrosodiphenylamine	15.707	169	144358	9.742	ng/ul	98
68) 4-Bromophenyl-phenylether	16.377	248	51722	9.629	ng/ul	99
69) Hexachlorobenzene	16.495	284	59960	9.717	ng/ul	98
70) Atrazine	16.660	200	53912	9.805	ng/ul	98
71) Pentachlorophenol	16.860	266	25947	7.193	ng/ul	94
72) Phenanthrene	17.236	178	273873	9.919	ng/ul	99
74) Anthracene	17.324	178	277115	10.005	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.230	216	72551	9.795	ng/uL	99
76) Pentachlorobenzene	14.760	250	72089	9.888	ng/uL	99
77) Carbazole	17.612	167	231569	9.408	ng/ul	100
78) Di-n-butylphthalate	18.159	149	332503	9.551	ng/ul	99
80) Fluoranthene	19.259	202	314311	8.589	ng/ul	98
82) Pyrene	19.624	202	340044	8.976	ng/ul	99
83) Butylbenzylphthalate	20.524	149	151792	8.489	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.318	252	107340	10.303	ng/ul	99
85) Benzo(a)anthracene	21.377	228	318913	9.385	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.295	149	231645	8.711	ng/ul	98
87) Chrysene	21.430	228	311864	9.621	ng/ul	99
89) Di-n-octyl phthalate	22.206	149	398123	7.737	ng/ul	100
90) Benzo(b)fluoranthene	23.030	252	317348	8.806	ng/ul	99
91) Benzo(k)fluoranthene	23.077	252	321284	9.078	ng/ul	99
93) Benzo(a)pyrene	23.641	252	285277	9.392	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.182	276	367308	10.993	ng/ul	99
95) Dibenzo(a,h)anthracene	26.194	278	304030	10.975	ng/ul	97
96) Benzo(g,h,i)perylene	26.935	276	300319	11.283	ng/ul	99

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

