

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050323\
 Data File : BM039827.D
 Acq On : 03 May 2023 17:14
 Operator : CG/JU
 Sample : SSTD00551
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005013

Manual Integrations
 APPROVED

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

Quant Time: May 04 00:32:54 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	88817	20.000	ng/u1	0.00
20) Naphthalene-d8	10.578	136	372875	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.436	164	217799	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	455736	20.000	ng/u1	0.00
79) Chrysene-d12	21.395	240	442613	20.000	ng/u1	0.00
88) Perylene-d12	23.747	264	487121	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	5264	2.275	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.313	132	27954	4.384	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.954	128	12599	4.200	ng/u1	0.00
24) 2-Nitrophenol-d4	9.678	143	13863	4.115	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.231	165	24363m	4.203	ng/u1	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.854	166	80551	4.586	ng/u1	0.00
49) Acenaphthylene-d8	14.130	160	92688	4.697	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.436	176	66120	4.595	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.295	188	102172	4.662	ng/u1	0.00
81) Pyrene-d10	19.595	212	121926	4.146	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.594	264	121949	4.637	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.207	88	5064	2.000	ng/uL	91
12) 2-Chlorophenol	7.343	128	29135	4.541	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.589	70	25069	4.211	ng/u1	97
19) Hexachloroethane	8.842	117	14464	4.963	ng/u1	92
22) Nitrobenzene	8.995	77	33446m	4.515	ng/u1	
23) Isophorone	9.513	82	70908	4.489	ng/u1	98
25) 2-Nitrophenol	9.707	139	13987m	3.980	ng/u1	
26) 2,4-Dimethylphenol	9.778	107	33915m	4.722	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.007	93	36729	3.955	ng/u1	94
29) 2,4-Dichlorophenol	10.260	162	23645	4.141	ng/u1	98
30) Naphthalene	10.631	128	100335	4.863	ng/u1	98
33) Hexachlorobutadiene	10.901	225	18784	4.993	ng/u1	99
35) 4-Chloro-3-methylphenol	11.919	107	26047	3.907	ng/u1	95
36) 2-Methylnaphthalene	12.254	142	60640	4.385	ng/u1	100
37) 1-Methylnaphthalene	12.472	142	63165	4.545	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.630	216	31822	4.868	ng/u1	95
41) 2,4,6-Trichlorophenol	12.889	196	18826	4.311	ng/u1	97
42) 2,4,5-Trichlorophenol	12.972	196	19496	4.295	ng/u1	93
43) 1,1'-Biphenyl	13.272	154	81561	4.846	ng/u1	98
44) 2-Chloronaphthalene	13.313	162	61983	4.694	ng/u1	98
45) 2-Nitroaniline	13.554	65	14534m	3.814	ng/u1	
47) Dimethylphthalate	13.901	163	82094	4.720	ng/u1	99
48) 2,6-Dinitrotoluene	14.042	165	14232	4.046	ng/u1	99
50) Acenaphthylene	14.160	152	101542	4.811	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.501	153	70715	4.866	ng/ul	99
56) Dibenzofuran	14.842	168	97127	4.917	ng/ul	99
57) 2,4-Dinitrotoluene	14.842	165	19716	4.034	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.083	232	17594	4.330	ng/ul	98
59) Diethylphthalate	15.266	149	83669	4.641	ng/ul	99
61) Fluorene	15.489	166	79601	4.871	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.483	204	38965	4.811	ng/ul	97
67) N-Nitrosodiphenylamine	15.707	169	62036	4.569	ng/ul	99
68) 4-Bromophenyl-phenylether	16.383	248	22527	4.577	ng/ul	95
69) Hexachlorobenzene	16.495	284	27139	4.799	ng/ul	94
72) Phenanthrene	17.236	178	123081	4.865	ng/ul	99
74) Anthracene	17.330	178	121304	4.779	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.230	216	33608	4.952	ng/uL	97
76) Pentachlorobenzene	14.760	250	32575	4.876	ng/uL	95
78) Di-n-butylphthalate	18.159	149	143901	4.511	ng/ul	99
80) Fluoranthene	19.265	202	141174	4.095	ng/ul	98
82) Pyrene	19.624	202	153347	4.297	ng/ul	100
83) Butylbenzylphthalate	20.524	149	67753	4.022	ng/ul	99
85) Benzo(a)anthracene	21.377	228	146773	4.585	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.295	149	106984	4.271	ng/ul	100
87) Chrysene	21.430	228	145619	4.769	ng/ul	97
90) Benzo(b)fluoranthene	23.030	252	149194	4.353	ng/ul	98
91) Benzo(k)fluoranthene	23.077	252	149564	4.443	ng/ul	99
93) Benzo(a)pyrene	23.641	252	134623	4.660	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.182	276	173671	5.465	ng/ul	97
95) Dibenzo(a,h)anthracene	26.194	278	142358	5.403	ng/ul	100
96) Benzo(g,h,i)perylene	26.935	276	141028	5.571	ng/ul	97

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

