

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039451.D
 Acq On : 18 Apr 2023 10:44
 Operator : CG/JU
 Sample : SSTD00545
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005006

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Apr 18 23:34:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 18:09:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	04/19/2023 Supervised By :Jagrut Upadhyay
Internal Standards							04/19/2023
1) 1,4-Dichlorobenzene-d4	7.834	152	217393	20.000	ng/u1	0.00	
20) Naphthalene-d8	10.645	136	993151	20.000	ng/u1	0.00	
38) Acenaphthene-d10	14.492	164	668670	20.000	ng/u1	0.00	04/19/2023
64) Phenanthrene-d10	17.245	188	1433220	20.000	ng/u1	0.00	
79) Chrysene-d12	21.439	240	1263509	20.000	ng/u1	0.00	
88) Perylene-d12	23.809	264	1214577	20.000	ng/u1	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.222	96	10918m	1.903	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	7.369	132	71198	4.562	ng/u1	0.00	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1		
21) Nitrobenzene-d5	9.004	128	33574	4.202	ng/u1	0.00	
24) 2-Nitrophenol-d4	9.728	143	36800	4.102	ng/u1	0.00	
28) 2,4-Dichlorophenol-d3	10.286	165	63468	4.111	ng/u1	0.01	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1		
46) Dimethylphthalate-d6	13.904	166	252283	4.678	ng/u1	0.00	
49) Acenaphthylene-d8	14.186	160	277348	4.578	ng/u1	0.00	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1		
60) Fluorene-d10	15.486	176	210373	4.761	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1		
73) Anthracene-d10	17.339	188	330340	4.793	ng/u1	0.00	
81) Pyrene-d10	19.639	212	378515	4.508	ng/u1	0.00	
92) Benzo(a)pyrene-d12	23.650	264	298614	4.554	ng/u1	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	12546	2.024	ng/uL	97	
12) 2-Chlorophenol	7.404	128	69968	4.455	ng/u1	96	
17) N-Nitroso-di-n-propyla...	8.645	70	67297	4.619	ng/u1	96	
19) Hexachloroethane	8.910	117	34193	4.794	ng/u1	96	
22) Nitrobenzene	9.051	77	84296	4.273	ng/u1	97	
23) Isophorone	9.575	82	192637	4.579	ng/u1	99	
25) 2-Nitrophenol	9.763	139	39186	4.186	ng/u1	96	
26) 2,4-Dimethylphenol	9.833	107	85387	4.463	ng/u1	100	
27) Bis(2-Chloroethoxy)met...	10.063	93	110555	4.469	ng/u1	100	
29) 2,4-Dichlorophenol	10.310	162	63949	4.205	ng/u1	99	
30) Naphthalene	10.692	128	264252	4.809	ng/u1	99	
33) Hexachlorobutadiene	10.969	225	48026	4.793	ng/u1	97	
35) 4-Chloro-3-methylphenol	11.969	107	79315	4.467	ng/u1	97	
36) 2-Methylnaphthalene	12.310	142	173842	4.719	ng/u1	99	
37) 1-Methylnaphthalene	12.527	142	177454	4.794	ng/u1	98	
39) 1,2,4,5-Tetrachloroben...	12.680	216	91513	4.559	ng/u1	100	
41) 2,4,6-Trichlorophenol	12.933	196	56706	4.229	ng/u1	98	
42) 2,4,5-Trichlorophenol	13.021	196	55726	3.999	ng/u1	99	
43) 1,1'-Biphenyl	13.321	154	237513	4.596	ng/u1	99	
44) 2-Chloronaphthalene	13.369	162	186268	4.595	ng/u1	98	
45) 2-Nitroaniline	13.592	65	43038	3.620	ng/u1	92	
47) Dimethylphthalate	13.951	163	253570	4.749	ng/u1	100	
48) 2,6-Dinitrotoluene	14.080	165	44823	4.151	ng/u1	94	
50) Acenaphthylene	14.210	152	305936	4.721	ng/u1	99	

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52) Acenaphthene	14.557	153	213700	4.790	ng/ul	99	04/19/2023
56) Dibenzofuran	14.892	168	293807	4.845	ng/ul	99	Supervised By :Jagrut Upadhyay
57) 2,4-Dinitrotoluene	14.874	165	62990	4.198	ng/ul	93	
58) 2,3,4,6-Tetrachlorophenol	15.127	232	56237	4.508	ng/ul	99	04/19/2023
59) Diethylphthalate	15.315	149	263240	4.756	ng/ul	100	
61) Fluorene	15.539	166	248287	4.949	ng/ul	98	
62) 4-Chlorophenyl-phenyle...	15.533	204	121095	4.870	ng/ul	98	
67) N-Nitrosodiphenylamine	15.757	169	200105	4.686	ng/ul	100	
68) 4-Bromophenyl-phenylether	16.433	248	70833	4.576	ng/ul	98	
69) Hexachlorobenzene	16.545	284	84052	4.726	ng/ul	99	
72) Phenanthrene	17.286	178	381801	4.798	ng/ul	99	
74) Anthracene	17.374	178	380318	4.764	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	13.286	216	96156	4.505	ng/uL	99	
76) Pentachlorobenzene	14.810	250	98353	4.681	ng/uL	98	
78) Di-n-butylphthalate	18.215	149	463383	4.619	ng/ul	99	
80) Fluoranthene	19.303	202	433924	4.409	ng/ul	99	
82) Pyrene	19.668	202	469029	4.604	ng/ul	98	
83) Butylbenzylphthalate	20.568	149	205231	4.268	ng/ul	99	
85) Benzo(a)anthracene	21.421	228	427691	4.680	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.344	149	318302	4.451	ng/ul	100	
87) Chrysene	21.474	228	411411	4.719	ng/ul	99	
90) Benzo(b)fluoranthene	23.086	252	388652	4.548	ng/ul	99	
91) Benzo(k)fluoranthene	23.133	252	386162	4.601	ng/ul	99	
93) Benzo(a)pyrene	23.703	252	335270	4.654	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	26.262	276	363138	4.583	ng/ul	99	
95) Dibenzo(a,h)anthracene	26.279	278	298081	4.537	ng/ul	100	
96) Benzo(g,h,i)perylene	27.015	276	287858	4.561	ng/ul	98	

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

