

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010423\
 Data File : BM038363.D
 Acq On : 04 Jan 2023 10:34
 Operator : CG/JU
 Sample : SST00515
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD005019

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
 Supervised By :mohammad ahmed 01/05/2023

Quant Time: Jan 05 01:32:31 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jan 05 01:28:53 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	59705	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	208499	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	124751	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	278462	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	279826	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	340749	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3763	2.359	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	7.522	132	17219	4.669	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.175	128	7042	4.454	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	7891	4.312	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	15311m	4.226	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.039	166	42754	4.571	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	47349	4.354	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.621	176	38000	4.594	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.468	188	56958	4.375	ng/u1	0.00
81) Pyrene-d10	19.756	212	69972	4.640	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	73393	4.351	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	3885	2.348	ng/uL	97
12) 2-Chlorophenol	7.557	128	17891	4.753	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.810	70	16030	4.686	ng/u1#	96
19) Hexachloroethane	9.081	117	8366	4.626	ng/u1	92
22) Nitrobenzene	9.216	77	24763	5.365	ng/u1	97
23) Isophorone	9.739	82	40535	4.935	ng/u1	98
25) 2-Nitrophenol	9.928	139	8067	4.226	ng/u1	96
26) 2,4-Dimethylphenol	9.981	107	20192	4.863	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.222	93	23746	4.803	ng/u1	95
29) 2,4-Dichlorophenol	10.463	162	15141	4.419	ng/u1	93
30) Naphthalene	10.863	128	52115	4.840	ng/u1	97
33) Hexachlorobutadiene	11.139	225	12284	4.361	ng/u1	97
35) 4-Chloro-3-methylphenol	12.098	107	14989	4.302	ng/u1	95
36) 2-Methylnaphthalene	12.469	142	31812	4.405	ng/u1	99
37) 1-Methylnaphthalene	12.686	142	32628	4.419	ng/u1#	96
39) 1,2,4,5-Tetrachloroben...	12.833	216	20820	4.546	ng/u1	93
41) 2,4,6-Trichlorophenol	13.075	196	11497	4.064	ng/u1	93
42) 2,4,5-Trichlorophenol	13.145	196	12886m	4.339	ng/u1	
43) 1,1'-Biphenyl	13.469	154	43322	4.657	ng/u1	99
44) 2-Chloronaphthalene	13.516	162	35338	4.666	ng/u1	98
45) 2-Nitroaniline	13.727	65	10375	4.722	ng/u1	95
47) Dimethylphthalate	14.086	163	44686	4.752	ng/u1	98
48) 2,6-Dinitrotoluene	14.216	165	7675	4.232	ng/u1	96
50) Acenaphthylene	14.357	152	52149	4.646	ng/u1	97

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

52) Acenaphthene	14.698	153	37700	4.748	ng/ul	100
56) Dibenzofuran	15.027	168	53320	4.735	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	10827	4.148	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	10985	4.038	ng/ul	97
59) Diethylphthalate	15.439	149	43451	4.544	ng/ul	99
61) Fluorene	15.674	166	42838	4.502	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.668	204	22740	4.392	ng/ul	97
67) N-Nitrosodiphenylamine	15.880	169	35721	4.692	ng/ul	96
68) 4-Bromophenyl-phenylether	16.563	248	13064	4.206	ng/ul	97
69) Hexachlorobenzene	16.674	284	15399	4.200	ng/ul	94
72) Phenanthrene	17.415	178	67769	4.599	ng/ul	98
74) Anthracene	17.504	178	67098	4.465	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.433	216	20276	4.586	ng/uL	98
76) Pentachlorobenzene	14.945	250	19494	4.575	ng/uL	96
78) Di-n-butylphthalate	18.327	149	70177	4.320	ng/ul	99
80) Fluoranthene	19.421	202	78817	4.573	ng/ul	98
82) Pyrene	19.786	202	87075	4.705	ng/ul	98
83) Butylbenzylphthalate	20.668	149	30368	4.300	ng/ul	95
85) Benzo(a)anthracene	21.527	228	90623	4.740	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.439	149	47140	4.330	ng/ul	95
87) Chrysene	21.580	228	88394	4.799	ng/ul	98
90) Benzo(b)fluoranthene	23.227	252	93697	4.390	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	92713	4.356	ng/ul	99
93) Benzo(a)pyrene	23.862	252	84854	4.485	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.509	276	109608	4.543	ng/ul	98
95) Dibenzo(a,h)anthracene	26.527	278	88559	4.438	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	93842	4.776	ng/ul	98

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

