

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038621.D
 Acq On : 31 Jan 2023 16:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020093

Quant Time: Feb 01 00:04:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/01/2023
 Supervised By :mohammad ahmed 02/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	27705	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	91165	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	80868	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	205785	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.509	240	187373	20.000	ng/u1	0.00
88) Perylene-d12	23.909	264	249573	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	5650	7.272	ng/uL	0.00
4) Pyridine-d5	3.763	84	35122	18.051	ng/u1	0.00
7) Phenol-d5	7.116	99	35524	19.209	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	21573	19.985	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	30362	19.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	27988	18.968	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	13768	19.924	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	18981	20.799	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	46766	23.155	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	38079	19.401	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	134052	20.067	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	137676	19.367	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	13837	14.973	ng/u1	0.00
60) Fluorene-d10	15.580	176	125283	20.972	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	32107	18.227	ng/u1	0.00
73) Anthracene-d10	17.427	188	207255	20.008	ng/u1	0.00
81) Pyrene-d10	19.715	212	225902	23.398	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.756	264	256452	20.019	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	5814	6.945	ng/uL#	87
5) Pyridine	3.781	79	33343	16.687	ng/u1	96
6) Benzaldehyde	7.092	77	18209m	21.355	ng/u1	
8) Phenol	7.145	94	35687	19.274	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.381	93	25799	19.502	ng/u1	93
12) 2-Chlorophenol	7.516	128	30120	19.572	ng/u1	94
13) 2-Methylphenol	8.398	108	26739	19.007	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.486	45	27588	20.185	ng/u1	96
16) Acetophenone	8.786	105	49778	19.095	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.769	70	25914	21.631	ng/u1#	97
18) 4-Methylphenol	8.733	108	28312	18.960	ng/u1	100
19) Hexachloroethane	9.028	117	15270	19.672	ng/u1#	65
22) Nitrobenzene	9.169	77	42663	20.513	ng/u1	98
23) Isophorone	9.692	82	68945	21.907	ng/u1	98
25) 2-Nitrophenol	9.880	139	18754	20.733	ng/u1#	86
26) 2,4-Dimethylphenol	9.933	107	41647	21.197	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.175	93	33446	20.842	ng/u1	94
29) 2,4-Dichlorophenol	10.410	162	44178	23.014	ng/u1	91
30) Naphthalene	10.816	128	91476	20.224	ng/u1	98
32) 4-Chloroaniline	10.933	127	37200	18.888	ng/u1	97
33) Hexachlorobutadiene	11.086	225	47521	23.821	ng/u1	95
34) Caprolactam	11.722	113	7197m	19.057	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	33194	21.891	ng/u1#	90
36) 2-Methylnaphthalene	12.422	142	73469	21.838	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038621.D
 Acq On : 31 Jan 2023 16:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020093

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/01/2023
 Supervised By :mohammad ahmed 02/01/2023

Quant Time: Feb 01 00:04:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	75064	21.614	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	79486	19.968	ng/ul	95
40) Hexachlorocyclopentadiene	12.757	237	58758	20.685	ng/ul	98
41) 2,4,6-Trichlorophenol	13.027	196	51913	21.420	ng/ul	92
42) 2,4,5-Trichlorophenol	13.098	196	54341	20.995	ng/ul	95
43) 1,1'-Biphenyl	13.427	154	116478	18.732	ng/ul	99
44) 2-Chloronaphthalene	13.468	162	99687	19.298	ng/ul	95
45) 2-Nitroaniline	13.686	65	25302	18.313	ng/ul	92
47) Dimethylphthalate	14.051	163	130593	19.868	ng/ul	98
48) 2,6-Dinitrotoluene	14.180	165	24733	20.317	ng/ul	90
50) Acenaphthylene	14.316	152	132411	18.627	ng/ul	99
51) 3-Nitroaniline	14.510	138	14619	16.683	ng/ul#	94
52) Acenaphthene	14.651	153	99534	18.811	ng/ul	96
53) 2,4-Dinitrophenol	14.715	184	18744	19.153	ng/ul	88
55) 4-Nitrophenol	14.810	109	26270	16.944	ng/ul	95
56) Dibenzofuran	14.986	168	158708	20.167	ng/ul	95
57) 2,4-Dinitrotoluene	14.963	165	36581	20.387	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.215	232	47831	21.107	ng/ul#	87
59) Diethylphthalate	15.404	149	116753	18.947	ng/ul	95
61) Fluorene	15.633	166	134413	20.280	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	97244	20.852	ng/ul	90
63) 4-Nitroaniline	15.668	138	11232	15.547	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.721	198	30076	18.092	ng/ul#	94
67) N-Nitrosodiphenylamine	15.845	169	113320	19.532	ng/ul	97
68) 4-Bromophenyl-phenylether	16.521	248	58549	20.192	ng/ul	92
69) Hexachlorobenzene	16.633	284	68981	20.380	ng/ul#	91
70) Atrazine	16.792	200	54843	18.839	ng/ul	98
71) Pentachlorophenol	16.980	266	39405	18.199	ng/ul	91
72) Phenanthrene	17.374	178	208089	19.349	ng/ul	98
74) Anthracene	17.462	178	215894	19.171	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	75247	19.024	ng/ul	98
76) Pentachlorobenzene	14.904	250	80933	19.664	ng/ul	99
77) Carbazole	17.739	167	155991	15.958	ng/ul	97
78) Di-n-butylphthalate	18.286	149	170676	18.047	ng/ul	99
80) Fluoranthene	19.386	202	264626	23.647	ng/ul#	97
82) Pyrene	19.750	202	271424	22.854	ng/ul#	96
83) Butylbenzylphthalate	20.639	149	64380	18.794	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.427	252	84011	18.251	ng/ul#	98
85) Benzo(a)anthracene	21.491	228	264152	19.901	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	89164	18.293	ng/ul	96
87) Chrysene	21.544	228	245739	20.002	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	159296	15.071	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	300614	19.483	ng/ul#	99
91) Benzo(k)fluoranthene	23.227	252	306406	19.922	ng/ul#	97
93) Benzo(a)pyrene	23.803	252	281974	19.734	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.415	276	435659	19.289	ng/ul#	98
95) Dibenzo(a,h)anthracene	26.426	278	359959	18.778	ng/ul	98
96) Benzo(g,h,i)perylene	27.185	276	359459	19.608	ng/ul#	98

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

