

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
 Data File : BM042315.D
 Acq On : 17 Oct 2023 09:35
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020132

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 01:38:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	175439	20.000	ng/u1	0.00
20) Naphthalene-d8	10.833	136	798248	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	481564	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	1018573	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	983392	20.000	ng/u1	-0.01
88) Perylene-d12	24.062	264	997492	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	47149	8.397	ng/uL	0.00
4) Pyridine-d5	3.799	84	357930	21.524	ng/u1	0.00
7) Phenol-d5	7.157	99	404822	20.821	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	276354	21.036	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	281594	21.053	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	311087	20.203	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	142105	20.961	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	151688	20.931	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	277210	20.961	ng/u1	0.00
31) 4-Chloroaniline-d4	10.992	131	432761	20.783	ng/u1	0.00
46) Dimethylphthalate-d6	14.068	166	859749	20.595	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	991410	21.699	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	168497	20.068	ng/u1	0.00
60) Fluorene-d10	15.645	176	720576	20.998	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	138605	19.425	ng/u1	0.00
73) Anthracene-d10	17.504	188	1109830	21.270	ng/u1	0.00
81) Pyrene-d10	19.797	212	1281612	21.383	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.897	264	1172772	21.420	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	49215	7.997	ng/uL	99
5) Pyridine	3.822	79	372139	21.616	ng/u1	99
6) Benzaldehyde	7.169	77	239187	24.065	ng/u1	98
8) Phenol	7.187	94	413302	21.048	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.445	93	345443	21.185	ng/u1	98
12) 2-Chlorophenol	7.563	128	292501	20.937	ng/u1	98
13) 2-Methylphenol	8.445	108	300543	20.508	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	595249m	21.411	ng/u1	
16) Acetophenone	8.857	105	512785	21.452	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	299079	21.139	ng/u1	97
18) 4-Methylphenol	8.781	108	331412	20.520	ng/u1	100
19) Hexachloroethane	9.075	117	124036	21.044	ng/u1	94
22) Nitrobenzene	9.251	77	416057	21.698	ng/u1	100
23) Isophorone	9.763	82	799561	21.505	ng/u1	99
25) 2-Nitrophenol	9.951	139	170714	21.526	ng/u1	97
26) 2,4-Dimethylphenol	9.986	107	356908	21.176	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.245	93	493048	21.208	ng/u1	98
29) 2,4-Dichlorophenol	10.469	162	275342	21.317	ng/u1	99
30) Naphthalene	10.886	128	1000477	21.381	ng/u1	100
32) 4-Chloroaniline	11.016	127	436280	21.676	ng/u1	99
33) Hexachlorobutadiene	11.110	225	154196	20.680	ng/u1	98
34) Caprolactam	11.833	113	97721	20.720	ng/u1	99
35) 4-Chloro-3-methylphenol	12.110	107	342011	21.496	ng/u1	98
36) 2-Methylnaphthalene	12.486	142	677540	21.154	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	694863	21.465	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	314573	20.746	ng/ul	97
40) Hexachlorocyclopentadiene	12.780	237	172938	17.622	ng/ul	98
41) 2,4,6-Trichlorophenol	13.086	196	212496	20.960	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	231460	21.266	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	885901	21.464	ng/ul	98
44) 2-Chloronaphthalene	13.539	162	684257	21.629	ng/ul	99
45) 2-Nitroaniline	13.774	65	254165	22.347	ng/ul	99
47) Dimethylphthalate	14.116	163	863270	20.782	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	163965	21.804	ng/ul	97
50) Acenaphthylene	14.386	152	1155294	21.895	ng/ul	100
51) 3-Nitroaniline	14.598	138	178591	20.148	ng/ul	98
52) Acenaphthene	14.715	153	771323	21.761	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	88544	17.396	ng/ul	96
55) 4-Nitrophenol	14.880	109	138149	20.282	ng/ul	99
56) Dibenzofuran	15.051	168	1016157	21.340	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	244759	22.074	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.268	232	193158	21.146	ng/ul	98
59) Diethylphthalate	15.462	149	905298	21.350	ng/ul	100
61) Fluorene	15.704	166	843577	21.360	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	406962	21.341	ng/ul	100
63) 4-Nitroaniline	15.762	138	173428	21.877	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.786	198	149115	19.983	ng/ul	96
67) N-Nitrosodiphenylamine	15.915	169	703484	21.709	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	231181	21.102	ng/ul	98
69) Hexachlorobenzene	16.668	284	260915	20.946	ng/ul	98
70) Atrazine	16.862	200	241320	21.703	ng/ul	97
71) Pentachlorophenol	17.033	266	161784	19.168	ng/ul	100
72) Phenanthrene	17.451	178	1334925	21.365	ng/ul	99
74) Anthracene	17.539	178	1371537	21.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	324427	21.497	ng/uL	100
76) Pentachlorobenzene	14.945	250	319606	21.568	ng/uL	99
77) Carbazole	17.827	167	1241195	21.681	ng/ul	100
78) Di-n-butylphthalate	18.345	149	1590485	21.948	ng/ul	99
80) Fluoranthene	19.456	202	1540838	21.710	ng/ul	99
82) Pyrene	19.827	202	1633721	21.894	ng/ul	99
83) Butylbenzylphthalate	20.703	149	715571	22.497	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.509	252	446213	18.995	ng/ul	98
85) Benzo(a)anthracene	21.568	228	1593926	21.366	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1085549	23.100	ng/ul#	99
87) Chrysene	21.627	228	1452634	21.174	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	1852243	22.989	ng/ul	100
90) Benzo(b)fluoranthene	23.291	252	1480939	21.849	ng/ul	99
91) Benzo(k)fluoranthene	23.344	252	1456724	21.730	ng/ul	100
93) Benzo(a)pyrene	23.950	252	1368481	21.575	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.662	276	1546851	20.080	ng/ul	99
95) Dibenzo(a,h)anthracene	26.674	278	1287919	20.154	ng/ul	99
96) Benzo(g,h,i)perylene	27.468	276	1180762	19.594	ng/ul	100

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

