

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042910.D
 Acq On : 19 Nov 2023 18:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020154

Quant Time: Nov 19 22:51:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	41267	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	162901	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.468	164	103566	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	236524	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	269124	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	298347	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	9958	7.572	ng/uL	0.00
4) Pyridine-d5	3.604	84	66421	20.304	ng/u1	0.00
7) Phenol-d5	6.975	99	76218	18.977	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	59201	20.977	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	56392	18.197	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	56973	18.016	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	25380	17.770	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	28803	17.239	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	58798	18.927	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	69231	17.552	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	178146	18.175	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	198952	18.970	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	15478	13.977	ng/u1	0.00
60) Fluorene-d10	15.463	176	151908	18.715	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	27817	15.526	ng/u1	0.00
73) Anthracene-d10	17.321	188	236460	17.839	ng/u1	0.00
81) Pyrene-d10	19.621	212	307977	17.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	333520	18.689	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	11089	7.918	ng/uL	86
5) Pyridine	3.622	79	68952	19.383	ng/u1	91
6) Benzaldehyde	6.975	77	52708	22.873	ng/u1	95
8) Phenol	7.004	94	74867	18.740	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.251	93	63208	19.154	ng/u1	91
12) 2-Chlorophenol	7.363	128	57573	18.667	ng/u1	91
13) 2-Methylphenol	8.263	108	54724	18.369	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	129031m	21.479	ng/u1	
16) Acetophenone	8.663	105	93154	17.519	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.634	70	59915	18.510	ng/u1#	92
18) 4-Methylphenol	8.598	108	58430	18.040	ng/u1	95
19) Hexachloroethane	8.863	117	34222	19.908	ng/u1	89
22) Nitrobenzene	9.057	77	89546	20.744	ng/u1	94
23) Isophorone	9.563	82	157891	18.365	ng/u1	97
25) 2-Nitrophenol	9.757	139	30884	18.194	ng/u1	92
26) 2,4-Dimethylphenol	9.798	107	65817	18.122	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.051	93	85932	19.780	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	55592	18.900	ng/u1	97
30) Naphthalene	10.675	128	188637	18.484	ng/u1	99
32) 4-Chloroaniline	10.822	127	67536	17.847	ng/u1	94
33) Hexachlorobutadiene	10.892	225	49081	18.891	ng/u1	96
34) Caprolactam	11.645	113	13779m	15.800	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	56267	17.853	ng/u1	97
36) 2-Methylnaphthalene	12.286	142	123260	18.021	ng/u1	98

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37) 1-Methylnaphthalene	12.504	142	128276	17.837	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.639	216	83343	20.519	ng/ul	96
40) Hexachlorocyclopentadiene	12.574	237	34155	17.762	ng/ul	92
41) 2,4,6-Trichlorophenol	12.904	196	46907	18.907	ng/ul	98
42) 2,4,5-Trichlorophenol	12.980	196	44541	18.593	ng/ul	96
43) 1,1'-Biphenyl	13.304	154	171173	19.819	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	135100	19.444	ng/ul	97
45) 2-Nitroaniline	13.604	65	48054	21.206	ng/ul	91
47) Dimethylphthalate	13.939	163	173814	18.206	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	31574	17.604	ng/ul	92
50) Acenaphthylene	14.198	152	223837	19.048	ng/ul	100
51) 3-Nitroaniline	14.439	138	25588	17.447	ng/ul	99
52) Acenaphthene	14.533	153	149613	18.825	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	10984	12.316	ng/ul	88
55) 4-Nitrophenol	14.733	109	31080m	17.835	ng/ul	
56) Dibenzofuran	14.868	168	207358	18.798	ng/ul	96
57) 2,4-Dinitrotoluene	14.880	165	47250	17.944	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.092	232	46734	18.793	ng/ul	94
59) Diethylphthalate	15.286	149	180397	18.020	ng/ul	98
61) Fluorene	15.515	166	179271	19.142	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	97737	19.364	ng/ul	100
63) 4-Nitroaniline	15.604	138	24443	18.281	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.627	198	28384	15.562	ng/ul#	86
67) N-Nitrosodiphenylamine	15.739	169	136598	18.414	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	57130	18.146	ng/ul	90
69) Hexachlorobenzene	16.486	284	70581	18.339	ng/ul	98
70) Atrazine	16.692	200	51470	18.013	ng/ul	97
71) Pentachlorophenol	16.857	266	35873	16.186	ng/ul	98
72) Phenanthrene	17.262	178	271061	18.344	ng/ul	98
74) Anthracene	17.357	178	276616	18.611	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	83204	19.894	ng/uL	100
76) Pentachlorobenzene	14.763	250	83399	19.005	ng/uL	99
77) Carbazole	17.651	167	213676	17.411	ng/ul	100
78) Di-n-butylphthalate	18.168	149	313628	17.476	ng/ul	98
80) Fluoranthene	19.280	202	339461	16.894	ng/ul	98
82) Pyrene	19.650	202	368370	17.290	ng/ul	99
83) Butylbenzylphthalate	20.533	149	145333	15.970	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.339	252	105558	15.325	ng/ul	99
85) Benzo(a)anthracene	21.392	228	390701	18.494	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	217200	15.731	ng/ul	98
87) Chrysene	21.444	228	369749	18.047	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	384230	15.943	ng/ul	100
90) Benzo(b)fluoranthene	23.038	252	388730	19.092	ng/ul	98
91) Benzo(k)fluoranthene	23.086	252	404845	18.679	ng/ul	99
93) Benzo(a)pyrene	23.662	252	375749	18.939	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.221	276	466012	18.900	ng/ul	99
95) Dibenzo(a,h)anthracene	26.232	278	383273	18.749	ng/ul	98
96) Benzo(g,h,i)perylene	26.985	276	367651	18.777	ng/ul	99

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

