

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043337.D
 Acq On : 14 Dec 2023 13:50
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020162

Quant Time: Dec 14 23:18:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	647155	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	3014452	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1775921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	3551133	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.539	240	2840882	20.000	ng/u1	# 0.00
88) Perylene-d12	23.962	264	2631012	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	122619	7.436	ng/uL	0.00
4) Pyridine-d5	3.810	84	1014667	20.739	ng/u1	0.00
7) Phenol-d5	7.151	99	1394983	21.712	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	863224	21.704	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	1034602	21.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	1085797	21.362	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	543105	21.138	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	563051	22.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1034017	18.724	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	1531096	19.269	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2943340	18.907	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	3564795	19.793	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	595529	21.349	ng/u1	0.00
60) Fluorene-d10	15.616	176	2505829	18.465	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	321576	16.453	ng/u1	0.00
73) Anthracene-d10	17.462	188	3693874	19.227	ng/u1	0.00
81) Pyrene-d10	19.751	212	3898298	21.446	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	2987450	19.459	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.428	88	133937	7.395	ng/uL	95
5) Pyridine	3.828	79	1052013	20.921	ng/u1	98
6) Benzaldehyde	7.134	77	747343	22.600	ng/u1	97
8) Phenol	7.181	94	1365817	21.495	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	1083005	21.139	ng/u1	98
12) 2-Chlorophenol	7.551	128	1050523	21.142	ng/u1	98
13) 2-Methylphenol	8.434	108	1042861	21.225	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	1859995	21.836	ng/u1	99
16) Acetophenone	8.828	105	1657718	20.291	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.816	70	925444	20.667	ng/u1	99
18) 4-Methylphenol	8.769	108	1137000	21.328	ng/u1	97
19) Hexachloroethane	9.069	117	431825	20.503	ng/u1	83
22) Nitrobenzene	9.210	77	1327167	21.484	ng/u1	98
23) Isophorone	9.734	82	2605133	19.791	ng/u1	99
25) 2-Nitrophenol	9.916	139	597178	21.992	ng/u1	94
26) 2,4-Dimethylphenol	9.975	107	1046278	19.652	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.222	93	1535701	19.843	ng/u1	99
29) 2,4-Dichlorophenol	10.445	162	996415	18.590	ng/u1	97
30) Naphthalene	10.851	128	3554398	19.210	ng/u1	100
32) 4-Chloroaniline	10.969	127	1481373	19.765	ng/u1	100
33) Hexachlorobutadiene	11.122	225	500835	14.996	ng/u1	99
34) Caprolactam	11.751	113	335364m	21.043	ng/u1	
35) 4-Chloro-3-methylphenol	12.086	107	1152826	20.483	ng/u1	97
36) 2-Methylnaphthalene	12.457	142	2463227	18.504	ng/u1	100

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37) 1-Methylnaphthalene	12.675	142	2458764	18.197	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.816	216	1028056	17.110	ng/ul#	97
40) Hexachlorocyclopentadiene	12.786	237	423621	12.425	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	729932	19.523	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	785477	19.303	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	3105621	19.768	ng/ul#	98
44) 2-Chloronaphthalene	13.504	162	2406294	19.759	ng/ul	97
45) 2-Nitroaniline	13.716	65	825013	25.637	ng/ul	94
47) Dimethylphthalate	14.092	163	2894255	18.955	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	592643	21.067	ng/ul	96
50) Acenaphthylene	14.351	152	4047320	19.883	ng/ul	100
51) 3-Nitroaniline	14.539	138	714367	22.890	ng/ul	93
52) Acenaphthene	14.686	153	2646770	19.712	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	196833	15.241	ng/ul#	86
55) 4-Nitrophenol	14.839	109	458287	22.720	ng/ul	92
56) Dibenzofuran	15.021	168	3467376	18.905	ng/ul	93
57) 2,4-Dinitrotoluene	14.998	165	854186	21.266	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.245	232	601633	17.787	ng/ul#	88
59) Diethylphthalate	15.451	149	3053713	19.883	ng/ul	98
61) Fluorene	15.668	166	3013599	18.981	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1329560	16.950	ng/ul	91
63) 4-Nitroaniline	15.698	138	741212	23.637	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	347661	16.268	ng/ul#	88
67) N-Nitrosodiphenylamine	15.880	169	2431964	20.422	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	767803	17.880	ng/ul	96
69) Hexachlorobenzene	16.663	284	886985	17.408	ng/ul#	92
70) Atrazine	16.833	200	605251	18.023	ng/ul	96
71) Pentachlorophenol	17.010	266	525340	17.510	ng/ul	98
72) Phenanthrene	17.410	178	4418939	19.955	ng/ul	100
74) Anthracene	17.504	178	4496995	20.160	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	1035759	18.436	ng/ul	99
76) Pentachlorobenzene	14.933	250	1007027	17.638	ng/ul	98
77) Carbazole	17.774	167	4163283	22.721	ng/ul	99
78) Di-n-butylphthalate	18.339	149	5514287	23.137	ng/ul	99
80) Fluoranthene	19.415	202	4778397	22.916	ng/ul#	92
82) Pyrene	19.780	202	4910787	22.640	ng/ul	95
83) Butylbenzylphthalate	20.686	149	2505669	29.041	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.456	252	1307853	19.371	ng/ul#	99
85) Benzo(a)anthracene	21.521	228	4404445	20.221	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	3802585	27.919	ng/ul	99
87) Chrysene	21.580	228	3913972	20.119	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	6275216	34.675	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3695805	19.688	ng/ul#	96
91) Benzo(k)fluoranthene	23.268	252	3689770	19.735	ng/ul#	97
93) Benzo(a)pyrene	23.856	252	3368428	19.413	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.485	276	3810275	19.279	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.509	278	3181191	19.250	ng/ul#	95
96) Benzo(g,h,i)perylene	27.262	276	2925601	19.647	ng/ul#	93

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

