

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031424\
 Data File : BM044615.D
 Acq On : 14 Mar 2024 16:00
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020072

Quant Time: Mar 14 16:49:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	186404	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.481	136	771217	20.000	ng/u1	-0.04
38) Acenaphthene-d10	14.345	164	463508	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.104	188	950133	20.000	ng/u1	-0.02
79) Chrysene-d12	21.298	240	885659	20.000	ng/u1	-0.01
88) Perylene-d12	23.544	264	1023735	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	41861	7.617	ng/uL	-0.03
4) Pyridine-d5	3.658	84	278624	17.224	ng/u1	-0.02
7) Phenol-d5	6.875	99	337473	17.609	ng/u1	-0.03
9) Bis-(2-Chloroethyl)eth...	7.051	67	214127	18.089	ng/u1	-0.03
11) 2-Chlorophenol-d4	7.234	132	267552	18.998	ng/u1	-0.04
15) 4-Methylphenol-d8	8.404	113	260928	17.337	ng/u1	-0.04
21) Nitrobenzene-d5	8.863	128	132100	20.341	ng/u1	-0.03
24) 2-Nitrophenol-d4	9.575	143	139532	19.931	ng/u1	-0.03
28) 2,4-Dichlorophenol-d3	10.104	165	245734	20.624	ng/u1	-0.04
31) 4-Chloroaniline-d4	10.628	131	377799	19.092	ng/u1	-0.04
46) Dimethylphthalate-d6	13.769	166	727491	20.008	ng/u1	-0.02
49) Acenaphthylene-d8	14.039	160	813684	19.568	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.557	143	144537	19.169	ng/u1	-0.02
60) Fluorene-d10	15.345	176	614193	20.102	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.474	200	119344	19.350	ng/u1	-0.02
73) Anthracene-d10	17.198	188	940744	20.714	ng/u1	-0.02
81) Pyrene-d10	19.498	212	1072143	19.737	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.403	264	1089142	20.241	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	42532	7.475	ng/uL	97
5) Pyridine	3.675	79	288611	17.202	ng/u1	98
6) Benzaldehyde	6.863	77	186684	22.364	ng/u1	98
8) Phenol	6.898	94	348423	17.814	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.146	93	287510	17.902	ng/u1	98
12) 2-Chlorophenol	7.269	128	277974	19.136	ng/u1	98
13) 2-Methylphenol	8.140	108	259133	17.459	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.228	45	408314	19.251	ng/u1	98
16) Acetophenone	8.528	105	417918	17.904	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.510	70	216556	17.956	ng/u1	96
18) 4-Methylphenol	8.469	108	280816	17.381	ng/u1	99
19) Hexachloroethane	8.763	117	117179	19.693	ng/u1	92
22) Nitrobenzene	8.904	77	315362	20.477	ng/u1	98
23) Isophorone	9.428	82	601160	19.132	ng/u1	99
25) 2-Nitrophenol	9.604	139	151052	19.791	ng/u1	98
26) 2,4-Dimethylphenol	9.663	107	277665	19.994	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.910	93	385343	19.500	ng/u1	98
29) 2,4-Dichlorophenol	10.134	162	244769	20.577	ng/u1	99
30) Naphthalene	10.534	128	891854	20.418	ng/u1	99
32) 4-Chloroaniline	10.651	127	369596	19.374	ng/u1	99
33) Hexachlorobutadiene	10.804	225	145832	21.873	ng/u1	98
34) Caprolactam	11.433	113	77765m	16.787	ng/u1	
35) 4-Chloro-3-methylphenol	11.775	107	264422	19.169	ng/u1	99
36) 2-Methylnaphthalene	12.151	142	585210	20.147	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	573053	19.999	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.516	216	276253	20.949	ng/ul	98
40) Hexachlorocyclopentadiene	12.486	237	176477	20.161	ng/ul	98
41) 2,4,6-Trichlorophenol	12.769	196	182179	19.707	ng/ul	100
42) 2,4,5-Trichlorophenol	12.839	196	198131	19.999	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	746354	20.278	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	579081	20.049	ng/ul	99
45) 2-Nitroaniline	13.433	65	176459	19.460	ng/ul	98
47) Dimethylphthalate	13.816	163	736910	19.917	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	144152	19.506	ng/ul	99
50) Acenaphthylene	14.069	152	978464	20.189	ng/ul	99
51) 3-Nitroaniline	14.269	138	151438	18.972	ng/ul	100
52) Acenaphthene	14.410	153	639606	20.075	ng/ul	100
53) 2,4-Dinitrophenol	14.480	184	78575	16.622	ng/ul	96
55) 4-Nitrophenol	14.574	109	102144	19.334	ng/ul	97
56) Dibenzofuran	14.751	168	863537	20.376	ng/ul	98
57) 2,4-Dinitrotoluene	14.727	165	207374	19.439	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.974	232	165773	20.220	ng/ul	99
59) Diethylphthalate	15.186	149	766407	19.960	ng/ul	99
61) Fluorene	15.398	166	704700	20.331	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	334797	20.811	ng/ul	97
63) 4-Nitroaniline	15.433	138	156478m	20.510	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	133986	20.330	ng/ul	99
67) N-Nitrosodiphenylamine	15.621	169	593520	20.741	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	205517	21.626	ng/ul	97
69) Hexachlorobenzene	16.398	284	234682	21.681	ng/ul	95
70) Atrazine	16.580	200	204082	21.824	ng/ul	98
71) Pentachlorophenol	16.745	266	144967	20.282	ng/ul	97
72) Phenanthrene	17.145	178	1116639	20.717	ng/ul	100
74) Anthracene	17.233	178	1142885	20.967	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.133	216	270956	21.351	ng/uL	100
76) Pentachlorobenzene	14.663	250	263730	21.495	ng/uL	99
77) Carbazole	17.515	167	1060078	20.696	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1420149	20.612	ng/ul	99
80) Fluoranthene	19.162	202	1286949	19.894	ng/ul	99
82) Pyrene	19.527	202	1349002	20.030	ng/ul	99
83) Butylbenzylphthalate	20.451	149	636682	19.226	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	434815	22.696	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1340403	20.154	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1004139	20.796	ng/ul#	99
87) Chrysene	21.333	228	1248650	20.278	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1751632	19.119	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1326077	19.358	ng/ul	100
91) Benzo(k)fluoranthene	22.915	252	1350207	20.125	ng/ul	99
93) Benzo(a)pyrene	23.450	252	1270818	19.832	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	1573721	21.896	ng/ul	98
95) Dibenzo(a,h)anthracene	25.838	278	1329364	22.183	ng/ul	97
96) Benzo(g,h,i)perylene	26.509	276	1265994	22.073	ng/ul	100

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

