

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039483.D
 Acq On : 19 Apr 2023 07:41
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020111

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 08:20:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	271900	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	1264637	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	808126	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1691964	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1392190	20.000	ng/u1	0.00
88) Perylene-d12	23.797	264	1258602	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	62102m	8.767	ng/uL	0.00
4) Pyridine-d5	3.640	84	407543	20.476	ng/u1	0.00
7) Phenol-d5	7.016	99	515861	20.729	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	348637	21.196	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	425510	21.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	415875	20.746	ng/u1	0.00
21) Nitrobenzene-d5	8.998	128	217455	21.373	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	243027	21.272	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	419534	21.342	ng/u1	0.00
31) 4-Chloroaniline-d4	10.786	131	617234	21.023	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1350629	20.723	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	1540228	21.036	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	194172	19.686	ng/u1	0.00
60) Fluorene-d10	15.480	176	1116995	20.919	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	235189	20.918	ng/u1	0.00
73) Anthracene-d10	17.339	188	1715216	21.079	ng/u1	0.00
81) Pyrene-d10	19.633	212	1924485	20.803	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.644	264	1426594	20.995	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	65314	8.426	ng/uL	99
5) Pyridine	3.657	79	443632	21.138	ng/u1	100
6) Benzaldehyde	6.969	77	279284	26.268	ng/u1	98
8) Phenol	7.040	94	543994	20.996	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.257	93	461758	21.375	ng/u1	99
12) 2-Chlorophenol	7.393	128	423185	21.543	ng/u1	98
13) 2-Methylphenol	8.292	108	419276	20.834	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.363	45	644575m	21.483	ng/u1	
16) Acetophenone	8.663	105	719050	21.838	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.645	70	392805	21.554	ng/u1	98
18) 4-Methylphenol	8.628	108	456540	21.012	ng/u1	99
19) Hexachloroethane	8.904	117	190867	21.394	ng/u1	96
22) Nitrobenzene	9.045	77	545521	21.715	ng/u1	97
23) Isophorone	9.569	82	1126452	21.028	ng/u1	99
25) 2-Nitrophenol	9.757	139	255550	21.438	ng/u1	96
26) 2,4-Dimethylphenol	9.828	107	522715	21.458	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.057	93	665089	21.114	ng/u1	100
29) 2,4-Dichlorophenol	10.298	162	415971	21.482	ng/u1	99
30) Naphthalene	10.686	128	1477705	21.119	ng/u1	100
32) 4-Chloroaniline	10.810	127	610913	21.117	ng/u1	100
33) Hexachlorobutadiene	10.963	225	265579	20.814	ng/u1	98
34) Caprolactam	11.598	113	144281m	20.008	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	474529	20.988	ng/u1	99
36) 2-Methylnaphthalene	12.304	142	971860	20.719	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	984581	20.887	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	507730	20.931	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	280774	19.428	ng/ul	97
41) 2,4,6-Trichlorophenol	12.922	196	340943	21.039	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	356896	21.190	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	1321379	21.158	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	1035100	21.128	ng/ul	100
45) 2-Nitroaniline	13.580	65	307914	21.779	ng/ul	99
47) Dimethylphthalate	13.951	163	1343100	20.814	ng/ul	99
48) 2,6-Dinitrotoluene	14.074	165	277907	21.294	ng/ul	99
50) Acenaphthylene	14.210	152	1664630	21.254	ng/ul	100
51) 3-Nitroaniline	14.410	138	258766	21.154	ng/ul	98
52) Acenaphthene	14.551	153	1131541	20.984	ng/ul	100
53) 2,4-Dinitrophenol	14.621	184	131350	18.908	ng/ul	98
55) 4-Nitrophenol	14.739	109	152391	20.340	ng/ul	96
56) Dibenzofuran	14.886	168	1543781	21.063	ng/ul	100
57) 2,4-Dinitrotoluene	14.868	165	389082	21.456	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.121	232	318134	21.102	ng/ul	100
59) Diethylphthalate	15.310	149	1392389	20.816	ng/ul	99
61) Fluorene	15.539	166	1284381	21.184	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	633281	21.074	ng/ul	96
63) 4-Nitroaniline	15.580	138	214895	22.909	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.633	198	226519	20.955	ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	1072302	21.272	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	379698	20.778	ng/ul	100
69) Hexachlorobenzene	16.539	284	440485	20.982	ng/ul	99
70) Atrazine	16.710	200	395254	21.130	ng/ul	99
71) Pentachlorophenol	16.892	266	250873	20.442	ng/ul	99
72) Phenanthrene	17.280	178	1964710	20.916	ng/ul	99
74) Anthracene	17.374	178	2001439	21.239	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	530325	21.046	ng/ul	99
76) Pentachlorobenzene	14.804	250	523416	21.103	ng/ul	99
77) Carbazole	17.651	167	1771565	21.156	ng/ul	100
78) Di-n-butylphthalate	18.209	149	2450546	20.690	ng/ul	99
80) Fluoranthene	19.298	202	2285529	21.078	ng/ul	99
82) Pyrene	19.662	202	2370651	21.119	ng/ul	99
83) Butylbenzylphthalate	20.562	149	1081480	20.411	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.350	252	657016	21.282	ng/ul	99
85) Benzo(a)anthracene	21.415	228	2117782	21.032	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1586833	20.138	ng/ul	99
87) Chrysene	21.468	228	1992873	20.748	ng/ul	99
89) Di-n-octyl phthalate	22.250	149	2569058	20.316	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	1813769	20.481	ng/ul	99
91) Benzo(k)fluoranthene	23.127	252	1897870	21.822	ng/ul	99
93) Benzo(a)pyrene	23.691	252	1565209	20.968	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.250	276	1755100	21.376	ng/ul	100
95) Dibenzo(a,h)anthracene	26.268	278	1461560	21.469	ng/ul	100
96) Benzo(g,h,i)perylene	27.003	276	1392434	21.289	ng/ul	99

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

