

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039650.D
 Acq On : 25 Apr 2023 21:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020125

Quant Time: Apr 25 23:41:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 22:38:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	226692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.613	136	1031727	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.466	164	632842	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.218	188	1307379	20.000	ng/u1	0.00
79) Chrysene-d12	21.418	240	1176129	20.000	ng/u1	0.00
88) Perylene-d12	23.777	264	1093323	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	45465	7.698	ng/uL	0.00
4) Pyridine-d5	3.625	84	364264	21.951	ng/u1	0.00
7) Phenol-d5	6.990	99	425627	20.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.143	67	304900	22.233	ng/u1	0.00
11) 2-Chlorophenol-d4	7.337	132	340846	20.942	ng/u1	0.00
15) 4-Methylphenol-d8	8.537	113	364205	21.792	ng/u1	0.00
21) Nitrobenzene-d5	8.978	128	184025	22.170	ng/u1	0.00
24) 2-Nitrophenol-d4	9.701	143	203539	21.838	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.248	165	351092	21.892	ng/u1	0.00
31) 4-Chloroaniline-d4	10.766	131	515026	21.502	ng/u1	0.00
46) Dimethylphthalate-d6	13.883	166	1091751	21.391	ng/u1	0.00
49) Acenaphthylene-d8	14.160	160	1275506	22.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.713	143	131038	16.965	ng/u1	0.00
60) Fluorene-d10	15.460	176	909418	21.749	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.601	200	177305	20.408	ng/u1	0.00
73) Anthracene-d10	17.318	188	1415512	22.513	ng/u1	0.00
81) Pyrene-d10	19.618	212	1615213	20.667	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.624	264	1296888	21.971	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	51256	7.931	ng/uL	94
5) Pyridine	3.649	79	385954	22.058	ng/u1	100
6) Benzaldehyde	6.954	77	136900	15.444	ng/u1	94
8) Phenol	7.019	94	452839	20.963	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.237	93	395477	21.958	ng/u1	97
12) 2-Chlorophenol	7.372	128	357995	21.859	ng/u1	97
13) 2-Methylphenol	8.266	108	366294	21.831	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.342	45	611539m	24.446	ng/u1	
16) Acetophenone	8.642	105	611710	22.283	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.625	70	352374	23.192	ng/u1	93
18) 4-Methylphenol	8.601	108	398415	21.994	ng/u1	99
19) Hexachloroethane	8.878	117	163300	21.954	ng/u1	97
22) Nitrobenzene	9.019	77	484887	23.659	ng/u1	94
23) Isophorone	9.548	82	978196	22.383	ng/u1	98
25) 2-Nitrophenol	9.731	139	213601	21.964	ng/u1	92
26) 2,4-Dimethylphenol	9.801	107	451037	22.696	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.031	93	570405	22.196	ng/u1	99
29) 2,4-Dichlorophenol	10.272	162	347765	22.014	ng/u1	96
30) Naphthalene	10.660	128	1272075	22.284	ng/u1	99
32) 4-Chloroaniline	10.789	127	509693	21.596	ng/u1	100
33) Hexachlorobutadiene	10.936	225	221902	21.317	ng/u1	97
34) Caprolactam	11.578	113	119969m	20.392	ng/u1	
35) 4-Chloro-3-methylphenol	11.930	107	396982	21.522	ng/u1	98
36) 2-Methylnaphthalene	12.277	142	831513	21.729	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	831082	21.611	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.648	216	424460	22.345	ng/ul	99
40) Hexachlorocyclopentadiene	12.619	237	161553	14.274	ng/ul	100
41) 2,4,6-Trichlorophenol	12.901	196	275647	21.721	ng/ul	99
42) 2,4,5-Trichlorophenol	12.983	196	282948	21.453	ng/ul	98
43) 1,1'-Biphenyl	13.295	154	1085734	22.200	ng/ul	99
44) 2-Chloronaphthalene	13.342	162	859497	22.403	ng/ul	100
45) 2-Nitroaniline	13.560	65	269581	24.350	ng/ul	90
47) Dimethylphthalate	13.930	163	1091399	21.598	ng/ul	99
48) 2,6-Dinitrotoluene	14.060	165	215407	21.077	ng/ul	97
50) Acenaphthylene	14.189	152	1385664	22.593	ng/ul	100
51) 3-Nitroaniline	14.395	138	163244	17.042	ng/ul	93
52) Acenaphthene	14.530	153	945353	22.387	ng/ul	99
53) 2,4-Dinitrophenol	14.618	184	80892	14.870	ng/ul	94
55) 4-Nitrophenol	14.724	109	103591	17.656	ng/ul	90
56) Dibenzofuran	14.866	168	1289240	22.462	ng/ul	99
57) 2,4-Dinitrotoluene	14.854	165	314987	22.181	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.101	232	252962	21.427	ng/ul	98
59) Diethylphthalate	15.289	149	1118011	21.343	ng/ul	99
61) Fluorene	15.518	166	1080950	22.767	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.513	204	520927	22.136	ng/ul	98
63) 4-Nitroaniline	15.560	138	121580m	16.551	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.618	198	168818	20.211	ng/ul	93
67) N-Nitrosodiphenylamine	15.730	169	868322	22.292	ng/ul	99
68) 4-Bromophenyl-phenylether	16.407	248	298129	21.113	ng/ul	98
69) Hexachlorobenzene	16.518	284	351681	21.679	ng/ul	95
70) Atrazine	16.689	200	308223	21.325	ng/ul	98
71) Pentachlorophenol	16.877	266	186366	19.653	ng/ul	98
72) Phenanthrene	17.260	178	1621014	22.333	ng/ul	100
74) Anthracene	17.354	178	1675881	23.016	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.260	216	436726	22.430	ng/ul	99
76) Pentachlorobenzene	14.783	250	432260	22.555	ng/ul	98
77) Carbazole	17.636	167	1451877	22.439	ng/ul	100
78) Di-n-butylphthalate	18.189	149	1910061	20.871	ng/ul	99
80) Fluoranthene	19.283	202	1882067	20.546	ng/ul	99
82) Pyrene	19.648	202	1976837	20.846	ng/ul	99
83) Butylbenzylphthalate	20.548	149	852569	19.046	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.342	252	488319	18.723	ng/ul	99
85) Benzo(a)anthracene	21.400	228	1833469	21.553	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.324	149	1213127	18.224	ng/ul	100
87) Chrysene	21.453	228	1739615	21.439	ng/ul	100
89) Di-n-octyl phthalate	22.236	149	1991715	18.131	ng/ul	100
90) Benzo(b)fluoranthene	23.059	252	1671151	21.723	ng/ul	99
91) Benzo(k)fluoranthene	23.106	252	1650746	21.850	ng/ul	100
93) Benzo(a)pyrene	23.671	252	1412181	21.778	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.218	276	1569663	22.007	ng/ul	99
95) Dibenzo(a,h)anthracene	26.230	278	1317058	22.271	ng/ul	99
96) Benzo(g,h,i)perylene	26.971	276	1239664	21.818	ng/ul	98

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