

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022823\
 Data File : BM038814.D
 Acq On : 28 Feb 2023 16:47
 Operator : CG/JU
 Sample : SSTD02035
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020042

Quant Time: Mar 01 01:34:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 01:29:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/01/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	205165	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	934188	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	600843	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1328208	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1355234	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1519182	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	46251	12.014	ng/uL	0.00
4) Pyridine-d5	3.805	84	312617	31.168	ng/u1	0.00
7) Phenol-d5	7.158	99	393107	29.455	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	260893	35.563	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	306968	25.047	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	310308	25.928	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	139120	20.041	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	128795	13.688	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	306765	16.227	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	488711	22.357	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	998867	20.948	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1176219	22.140	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	192190	24.754	ng/u1	0.00
60) Fluorene-d10	15.639	176	873742	21.591	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	123502	15.232	ng/u1	0.00
73) Anthracene-d10	17.492	188	1408625	22.473	ng/u1	0.00
81) Pyrene-d10	19.774	212	1613432	19.659	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	1682992	21.394	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	49995	12.699	ng/uL	100
5) Pyridine	3.822	79	340887	33.815	ng/u1	100
6) Benzaldehyde	7.146	77	240525	45.175	ng/u1	100
8) Phenol	7.187	94	424751	31.857	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.434	93	345461	32.290	ng/u1	100
12) 2-Chlorophenol	7.569	128	316398	26.570	ng/u1	100
13) 2-Methylphenol	8.452	108	316607	28.405	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.552	45	437507	46.616	ng/u1	100
16) Acetophenone	8.840	105	559030	28.908	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.828	70	263446	30.840	ng/u1	100
18) 4-Methylphenol	8.781	108	350686	28.493	ng/u1	100
19) Hexachloroethane	9.104	117	126941	24.567	ng/u1	100
22) Nitrobenzene	9.222	77	387254	26.299	ng/u1	100
23) Isophorone	9.746	82	788935	27.536	ng/u1	100
25) 2-Nitrophenol	9.934	139	155587	16.745	ng/u1	100
26) 2,4-Dimethylphenol	9.993	107	381184	24.311	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.234	93	473530	27.494	ng/u1	100
29) 2,4-Dichlorophenol	10.469	162	308022	16.762	ng/u1	100
30) Naphthalene	10.881	128	1127355	24.387	ng/u1	100
32) 4-Chloroaniline	10.987	127	497996	23.252	ng/u1	100
33) Hexachlorobutadiene	11.169	225	188803	19.764	ng/u1	100
34) Caprolactam	11.740	113	98662m	22.986	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	352576	24.623	ng/u1	100
36) 2-Methylnaphthalene	12.487	142	743866	20.533	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	744137	19.905	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	384887	27.257	ng/u1	100
40) Hexachlorocyclopentadiene	12.834	237	186428	23.159	ng/u1	100
41) 2,4,6-Trichlorophenol	13.081	196	242589	21.334	ng/u1	100
42) 2,4,5-Trichlorophenol	13.151	196	267210	21.562	ng/u1	100
43) 1,1'-Biphenyl	13.487	154	1012521	22.862	ng/u1	100
44) 2-Chloronaphthalene	13.528	162	794547	22.095	ng/u1	100
45) 2-Nitroaniline	13.728	65	182220	26.588	ng/u1	100
47) Dimethylphthalate	14.104	163	1009122	21.367	ng/u1	100
48) 2,6-Dinitrotoluene	14.222	165	165591	17.671	ng/u1	100
50) Acenaphthylene	14.369	152	1301568	23.617	ng/u1	100
51) 3-Nitroaniline	14.545	138	190534	24.623	ng/u1	100
52) Acenaphthene	14.710	153	885109	22.696	ng/u1	100
53) 2,4-Dinitrophenol	14.745	184	68545	11.888	ng/u1	100
55) 4-Nitrophenol	14.839	109	159449	23.591	ng/u1	100
56) Dibenzofuran	15.045	168	1238529	22.267	ng/u1	100
57) 2,4-Dinitrotoluene	14.998	165	256885	18.975	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	235842	25.153	ng/u1	100
59) Diethylphthalate	15.469	149	1014603	21.509	ng/u1	100
61) Fluorene	15.692	166	1044741	22.511	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.692	204	497517	24.792	ng/u1	100
63) 4-Nitroaniline	15.704	138	212484	35.591	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.763	198	133104	16.936	ng/u1	100
67) N-Nitrosodiphenylamine	15.898	169	873000	22.203	ng/u1	100
68) 4-Bromophenyl-phenylether	16.580	248	293073	23.555	ng/u1	100
69) Hexachlorobenzene	16.692	284	354181	22.337	ng/u1	100
70) Atrazine	16.851	200	281719	19.749	ng/u1	100
71) Pentachlorophenol	17.033	266	202701	20.752	ng/u1	100
72) Phenanthrene	17.433	178	1632838	21.932	ng/u1	100
74) Anthracene	17.522	178	1694693	22.373	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	389593	27.089	ng/uL	100
76) Pentachlorobenzene	14.963	250	407069	24.958	ng/uL	100
77) Carbazole	17.792	167	1552642	22.173	ng/u1	100
78) Di-n-butylphthalate	18.369	149	1620254	17.830	ng/u1	100
80) Fluoranthene	19.445	202	1876376	18.147	ng/u1	100
82) Pyrene	19.804	202	2016077	18.626	ng/u1	100
83) Butylbenzylphthalate	20.710	149	528097	9.836	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.486	252	569087	17.614	ng/u1	100
85) Benzo(a)anthracene	21.551	228	2012806	21.397	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	911689	11.441	ng/u1	100
87) Chrysene	21.610	228	1968398	22.649	ng/u1	100
89) Di-n-octyl phthalate	22.445	149	1526598	9.783	ng/u1	100
90) Benzo(b)fluoranthene	23.274	252	2049892	20.641	ng/u1	100
91) Benzo(k)fluoranthene	23.327	252	2136641	21.765	ng/u1	100
93) Benzo(a)pyrene	23.915	252	1916792	23.062	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.592	276	2479788	23.527	ng/u1	100
95) Dibenzo(a,h)anthracene	26.615	278	2113846	23.972	ng/u1	100
96) Benzo(g,h,i)perylene	27.374	276	2029784	24.474	ng/u1	100

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

