

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010523\
 Data File : BM038371.D
 Acq On : 05 Jan 2023 09:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020082

Quant Time: Jan 05 10:35:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	61123	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	245883	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	158863	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	374956	20.000	ng/u1	0.00
79) Chrysene-d12	21.544	240	421721	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	479258	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	15256	8.094	ng/uL	0.00
4) Pyridine-d5	3.799	84	98105	17.991	ng/u1	0.00
7) Phenol-d5	7.163	99	105539	18.954	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	75411	18.827	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	77158	19.340	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	77913	18.127	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	36789	19.071	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	41005	18.742	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	82531	19.534	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	102104	17.513	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	228871	19.023	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	268296	19.136	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	38316	17.691	ng/u1	0.00
60) Fluorene-d10	15.621	176	211567	19.337	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	46743	17.201	ng/u1	0.00
73) Anthracene-d10	17.468	188	346438	19.153	ng/u1	0.00
81) Pyrene-d10	19.756	212	434286	18.506	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	462392	19.426	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	16598	8.248	ng/uL	93
5) Pyridine	3.816	79	110086	19.112	ng/u1	98
6) Benzaldehyde	7.140	77	50515	22.067	ng/u1	99
8) Phenol	7.187	94	109984	18.722	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.422	93	88861	18.892	ng/u1	95
12) 2-Chlorophenol	7.557	128	82659	20.062	ng/u1	98
13) 2-Methylphenol	8.445	108	74721	17.809	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.534	45	132446	17.753	ng/u1	98
16) Acetophenone	8.834	105	139294	18.314	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.810	70	79864	19.491	ng/u1#	99
18) 4-Methylphenol	8.775	108	83660	18.327	ng/u1	96
19) Hexachloroethane	9.081	117	39012	20.333	ng/u1	89
22) Nitrobenzene	9.216	77	117074	18.400	ng/u1	97
23) Isophorone	9.739	82	203583	18.663	ng/u1	99
25) 2-Nitrophenol	9.928	139	43407	19.048	ng/u1	97
26) 2,4-Dimethylphenol	9.986	107	102293	19.201	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.222	93	115731	18.543	ng/u1	97
29) 2,4-Dichlorophenol	10.463	162	78846	19.192	ng/u1	94
30) Naphthalene	10.863	128	249844	19.050	ng/u1	99
32) 4-Chloroaniline	10.980	127	106465	17.922	ng/u1	100
33) Hexachlorobutadiene	11.139	225	62536	20.445	ng/u1	95
34) Caprolactam	11.763	113	20023m	17.075	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	83632	19.132	ng/u1	98
36) 2-Methylnaphthalene	12.469	142	163158	19.085	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	166720	18.849	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.833	216	111728	19.892	ng/ul	97
40) Hexachlorocyclopentadiene	12.804	237	70070	17.663	ng/ul	99
41) 2,4,6-Trichlorophenol	13.074	196	68245	19.575	ng/ul	96
42) 2,4,5-Trichlorophenol	13.145	196	70366	18.833	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	226907	18.896	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	188585	19.233	ng/ul	97
45) 2-Nitroaniline	13.727	65	61864	18.862	ng/ul	99
47) Dimethylphthalate	14.092	163	234169	19.180	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	45845	19.721	ng/ul	89
50) Acenaphthylene	14.357	152	281623	18.934	ng/ul	98
51) 3-Nitroaniline	14.545	138	36157	16.892	ng/ul	97
52) Acenaphthene	14.698	153	201732	19.166	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	28665	16.493	ng/ul	93
55) 4-Nitrophenol	14.851	109	40852	18.019	ng/ul	93
56) Dibenzofuran	15.027	168	289097	19.326	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	65810	19.350	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.257	232	66201	19.837	ng/ul	98
59) Diethylphthalate	15.445	149	248897	19.669	ng/ul	99
61) Fluorene	15.674	166	242062	18.849	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	133877	19.807	ng/ul	97
63) 4-Nitroaniline	15.704	138	36699m	17.917	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.762	198	44275	17.003	ng/ul#	97
67) N-Nitrosodiphenylamine	15.880	169	202409	18.932	ng/ul	100
68) 4-Bromophenyl-phenylether	16.562	248	78750	19.825	ng/ul	98
69) Hexachlorobenzene	16.674	284	90530	19.759	ng/ul	98
70) Atrazine	16.833	200	80048	18.114	ng/ul	98
71) Pentachlorophenol	17.021	266	53171	17.585	ng/ul	98
72) Phenanthrene	17.415	178	389478	19.037	ng/ul	99
74) Anthracene	17.504	178	401542	19.087	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	107446	18.986	ng/uL	99
76) Pentachlorobenzene	14.945	250	106795	19.584	ng/uL	99
77) Carbazole	17.780	167	342549	17.758	ng/ul	99
78) Di-n-butylphthalate	18.327	149	446372	19.368	ng/ul	99
80) Fluoranthene	19.421	202	483636	18.223	ng/ul	98
82) Pyrene	19.786	202	527131	18.225	ng/ul	97
83) Butylbenzylphthalate	20.674	149	208934	18.836	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.462	252	164321	18.685	ng/ul	98
85) Benzo(a)anthracene	21.527	228	569187	18.965	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	326768	19.084	ng/ul	98
87) Chrysene	21.580	228	550712	19.100	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	605822	17.670	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	597995	19.722	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	572353	18.797	ng/ul	98
93) Benzo(a)pyrene	23.868	252	533012	19.423	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	673588	19.314	ng/ul	99
95) Dibenzo(a,h)anthracene	26.526	278	559015	19.207	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	553755	19.391	ng/ul	98

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

