

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038887.D
 Acq On : 07 Mar 2023 00:45
 Operator : CG/JU
 Sample : PB151197BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS197

Quant Time: Mar 07 01:22:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	303204	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1386590	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	855957	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1769156	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1709727	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1904413	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	48671	5.994	ng/uL	0.00
4) Pyridine-d5	3.799	84	679297	30.427	ng/u1	0.00
7) Phenol-d5	7.158	99	919562	32.349	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	551210	30.348	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	711091	33.571	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	710087	31.709	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	355923	36.564	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	365821	40.106	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	711302	33.560	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	974777	27.591	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2080829	31.387	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	2474166	31.930	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	433371	32.654	ng/u1	0.00
60) Fluorene-d10	15.628	176	1827442	31.255	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	333701	36.282	ng/u1	0.00
73) Anthracene-d10	17.480	188	2845061	32.613	ng/u1	0.00
81) Pyrene-d10	19.769	212	3235902	34.411	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	3283929	34.218	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	96409	11.048	ng/uL	98
5) Pyridine	3.817	79	705609	29.359	ng/u1	98
6) Benzaldehyde	7.134	77	514367	37.362	ng/u1	98
8) Phenol	7.181	94	962084	31.622	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	748445	30.899	ng/u1	98
12) 2-Chlorophenol	7.563	128	728994	33.415	ng/u1	97
13) 2-Methylphenol	8.446	108	716163	31.490	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	920680	30.278	ng/u1	99
16) Acetophenone	8.834	105	1190615	30.591	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	588086	32.898	ng/u1	98
18) 4-Methylphenol	8.775	108	801945	31.757	ng/u1	98
19) Hexachloroethane	9.093	117	294853	33.735	ng/u1	98
22) Nitrobenzene	9.210	77	882510	33.139	ng/u1	99
23) Isophorone	9.740	82	1686777	31.139	ng/u1	99
25) 2-Nitrophenol	9.928	139	405599	37.498	ng/u1	98
26) 2,4-Dimethylphenol	9.987	107	825795	31.075	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1045548	31.454	ng/u1	98
29) 2,4-Dichlorophenol	10.463	162	706593	32.886	ng/u1	99
30) Naphthalene	10.869	128	2459144	31.081	ng/u1	99
32) 4-Chloroaniline	10.975	127	979828	27.392	ng/u1	100
33) Hexachlorobutadiene	11.157	225	415722	31.097	ng/u1	99
34) Caprolactam	11.746	113	235280m	31.934	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	780823	32.145	ng/u1	98
36) 2-Methylnaphthalene	12.475	142	1602722	31.034	ng/u1	100

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37) 1-Methylnaphthalene	12.692	142	1653576	31.778	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	815881	31.866	ng/u1	99
40) Hexachlorocyclopentadiene	12.822	237	465643	33.709	ng/u1	96
41) 2,4,6-Trichlorophenol	13.075	196	555185	34.377	ng/u1	98
42) 2,4,5-Trichlorophenol	13.145	196	605097	34.044	ng/u1	99
43) 1,1'-Biphenyl	13.481	154	2164926	32.066	ng/u1	99
44) 2-Chloronaphthalene	13.522	162	1699154	31.908	ng/u1	99
45) 2-Nitroaniline	13.722	65	487744	40.588	ng/u1	97
47) Dimethylphthalate	14.098	163	2100032	31.257	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	407976	38.375	ng/u1	97
50) Acenaphthylene	14.363	152	2701635	31.437	ng/u1	99
51) 3-Nitroaniline	14.539	138	449027	33.651	ng/u1	95
52) Acenaphthene	14.704	153	1834349	31.010	ng/u1	99
53) 2,4-Dinitrophenol	14.745	184	211359	34.970	ng/u1	93
55) 4-Nitrophenol	14.839	109	338057	31.890	ng/u1	98
56) Dibenzofuran	15.039	168	2545898	31.001	ng/u1	99
57) 2,4-Dinitrotoluene	14.998	165	597869	36.378	ng/u1	92
58) 2,3,4,6-Tetrachlorophenol	15.257	232	509312	32.913	ng/u1	100
59) Diethylphthalate	15.463	149	2103141	31.634	ng/u1	99
61) Fluorene	15.686	166	2134150	30.995	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.681	204	1027190	30.901	ng/u1	98
63) 4-Nitroaniline	15.704	138	490810	35.563	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.757	198	333482	35.035	ng/u1	98
67) N-Nitrosodiphenylamine	15.892	169	1755933	32.816	ng/u1	100
68) 4-Bromophenyl-phenylether	16.575	248	589301	32.363	ng/u1	98
69) Hexachlorobenzene	16.686	284	697605	31.630	ng/u1	99
70) Atrazine	16.845	200	562667	31.084	ng/u1	98
71) Pentachlorophenol	17.028	266	437439	32.619	ng/u1	98
72) Phenanthrene	17.427	178	3252300	31.817	ng/u1	100
74) Anthracene	17.516	178	3339217	32.083	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	811211	32.536	ng/uL	100
76) Pentachlorobenzene	14.957	250	807543	31.522	ng/uL	99
77) Carbazole	17.786	167	3110064	32.179	ng/u1	99
78) Di-n-butylphthalate	18.357	149	3527031	35.870	ng/u1	100
80) Fluoranthene	19.433	202	3715227	34.352	ng/u1	97
82) Pyrene	19.798	202	4001235	33.739	ng/u1	100
83) Butylbenzylphthalate	20.698	149	1524222	48.369	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.474	252	1191461	35.564	ng/u1	100
85) Benzo(a)anthracene	21.545	228	3950194	33.438	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	2320853	44.302	ng/u1	98
87) Chrysene	21.598	228	3843056	33.266	ng/u1	100
89) Di-n-octyl phthalate	22.421	149	3846132	40.165	ng/u1	100
90) Benzo(b)fluoranthene	23.262	252	4098453	34.660	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	4138117	34.068	ng/u1	99
93) Benzo(a)pyrene	23.904	252	3730805	34.060	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.574	276	4697735	32.444	ng/u1	99
95) Dibenzo(a,h)anthracene	26.592	278	3937931	32.237	ng/u1	99
96) Benzo(g,h,i)perylene	27.356	276	3750871	31.637	ng/u1	99

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

