

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038897.D
 Acq On : 07 Mar 2023 15:25
 Operator : CG/JU
 Sample : PB151199BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS199

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

Quant Time: Mar 07 22:25:31 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	257540	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1167590	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	733195	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1559669	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1585546	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1784955	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	41941	6.081	ng/uL	0.00
4) Pyridine-d5	3.799	84	580202	30.596	ng/u1	0.00
7) Phenol-d5	7.151	99	781327	32.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	475988	30.854	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	610468	33.930	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	604480	31.779	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	299345	36.520	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	302137	39.337	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	598279	33.522	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	828654	27.855	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1805956	31.802	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2136344	32.187	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	379121	33.350	ng/u1	0.00
60) Fluorene-d10	15.627	176	1586963	31.686	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	287584	35.467	ng/u1	0.00
73) Anthracene-d10	17.480	188	2466293	32.068	ng/u1	0.00
81) Pyrene-d10	19.768	212	2914731	33.423	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3095225	34.410	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	88215	11.901	ng/uL	98
5) Pyridine	3.816	79	624512	30.592	ng/u1	98
6) Benzaldehyde	7.134	77	464558	39.727	ng/u1	98
8) Phenol	7.181	94	852790	32.999	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.422	93	662992	32.225	ng/u1	98
12) 2-Chlorophenol	7.563	128	631577	34.083	ng/u1	98
13) 2-Methylphenol	8.445	108	623462	32.274	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	813501	31.497	ng/u1	100
16) Acetophenone	8.828	105	1047851	31.696	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	510701	33.635	ng/u1	100
18) 4-Methylphenol	8.775	108	697497	32.518	ng/u1	100
19) Hexachloroethane	9.092	117	257950	34.745	ng/u1	97
22) Nitrobenzene	9.210	77	768822	34.284	ng/u1	99
23) Isophorone	9.739	82	1464400	32.105	ng/u1	99
25) 2-Nitrophenol	9.928	139	348946	38.312	ng/u1	97
26) 2,4-Dimethylphenol	9.981	107	686051	30.659	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	914626	32.676	ng/u1	100
29) 2,4-Dichlorophenol	10.457	162	612453	33.851	ng/u1	98
30) Naphthalene	10.869	128	2153904	32.329	ng/u1	99
32) 4-Chloroaniline	10.975	127	835921	27.753	ng/u1	98
33) Hexachlorobutadiene	11.157	225	363359	32.278	ng/u1	99
34) Caprolactam	11.745	113	198245m	31.954	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	695507	34.004	ng/u1	99
36) 2-Methylnaphthalene	12.475	142	1420578	32.666	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	1453483	33.172	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	717798	32.729	ng/u1	98
40) Hexachlorocyclopentadiene	12.822	237	378154	31.959	ng/u1	99
41) 2,4,6-Trichlorophenol	13.075	196	483155	34.926	ng/u1	98
42) 2,4,5-Trichlorophenol	13.145	196	532739	34.991	ng/u1	100
43) 1,1'-Biphenyl	13.480	154	1912824	33.076	ng/u1	99
44) 2-Chloronaphthalene	13.522	162	1512428	33.157	ng/u1	99
45) 2-Nitroaniline	13.716	65	434550	42.216	ng/u1	98
47) Dimethylphthalate	14.098	163	1897140	32.965	ng/u1	98
48) 2,6-Dinitrotoluene	14.216	165	362271	39.781	ng/u1	96
50) Acenaphthylene	14.363	152	2425944	32.956	ng/u1	100
51) 3-Nitroaniline	14.539	138	400817	35.068	ng/u1	96
52) Acenaphthene	14.704	153	1654243	32.648	ng/u1	99
53) 2,4-Dinitrophenol	14.739	184	187323	36.183	ng/u1	95
55) 4-Nitrophenol	14.839	109	306382	33.741	ng/u1	98
56) Dibenzofuran	15.039	168	2293340	32.601	ng/u1	99
57) 2,4-Dinitrotoluene	14.992	165	537063	38.150	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	454070	34.256	ng/u1	100
59) Diethylphthalate	15.457	149	1902782	33.413	ng/u1	99
61) Fluorene	15.686	166	1935353	32.814	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.680	204	923783	32.443	ng/u1	99
63) 4-Nitroaniline	15.698	138	451219	38.169	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.757	198	300749	35.840	ng/u1	98
67) N-Nitrosodiphenylamine	15.892	169	1594179	33.794	ng/u1	100
68) 4-Bromophenyl-phenylether	16.574	248	529005	32.953	ng/u1	98
69) Hexachlorobenzene	16.686	284	630506	32.427	ng/u1	99
70) Atrazine	16.845	200	499349	31.291	ng/u1	98
71) Pentachlorophenol	17.027	266	392278	33.181	ng/u1	99
72) Phenanthrene	17.427	178	2993510	33.219	ng/u1	99
74) Anthracene	17.515	178	3037274	33.102	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	734209	33.403	ng/uL	99
76) Pentachlorobenzene	14.957	250	738506	32.699	ng/uL	99
77) Carbazole	17.786	167	2846110	33.403	ng/u1	99
78) Di-n-butylphthalate	18.351	149	3229511	37.256	ng/u1	100
80) Fluoranthene	19.433	202	3482278	34.720	ng/u1	97
82) Pyrene	19.798	202	3736660	33.975	ng/u1	100
83) Butylbenzylphthalate	20.698	149	1435607	49.125	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.474	252	1120032	36.050	ng/u1	98
85) Benzo(a)anthracene	21.545	228	3740577	34.144	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	2208826	45.466	ng/u1	98
87) Chrysene	21.597	228	3633768	33.918	ng/u1	100
89) Di-n-octyl phthalate	22.421	149	3733948	41.603	ng/u1	100
90) Benzo(b)fluoranthene	23.262	252	4060601	36.638	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	3897664	34.236	ng/u1	99
93) Benzo(a)pyrene	23.903	252	3609067	35.154	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.574	276	4655451	34.304	ng/u1	99
95) Dibenzo(a,h)anthracene	26.597	278	3907703	34.131	ng/u1	99
96) Benzo(g,h,i)perylene	27.356	276	3752213	33.767	ng/u1	99

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

