

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038898.D
 Acq On : 07 Mar 2023 16:02
 Operator : CG/JU
 Sample : PB151234BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS234

Manual Integrations
 APPROVED

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

Quant Time: Mar 07 22:32:36 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	256265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1164289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	728781	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1530003	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1492289	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1605263	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	47098	6.863	ng/uL	0.00
4) Pyridine-d5	3.799	84	667009	35.349	ng/u1	0.00
7) Phenol-d5	7.151	99	919530	38.273	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	551158	35.904	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	710234	39.672	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	704573	37.225	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	354480	43.369	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	364878	47.641	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	699758	39.319	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	971048	32.734	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2104749	37.288	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2468737	37.420	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	444424	39.331	ng/u1	0.00
60) Fluorene-d10	15.627	176	1831926	36.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	345492	43.435	ng/u1	0.00
73) Anthracene-d10	17.480	188	2839416	37.636	ng/u1	0.00
81) Pyrene-d10	19.768	212	3338952	40.681	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3350889	41.422	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.416	88	97011	13.153	ng/uL	96
5) Pyridine	3.816	79	699132	34.418	ng/u1	99
6) Benzaldehyde	7.134	77	515696	44.320	ng/u1	98
8) Phenol	7.181	94	960369	37.347	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	745689	36.424	ng/u1	99
12) 2-Chlorophenol	7.563	128	729067	39.540	ng/u1	98
13) 2-Methylphenol	8.445	108	709743	36.923	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	922598	35.898	ng/u1	100
16) Acetophenone	8.828	105	1179731	35.863	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	583048	38.590	ng/u1	98
18) 4-Methylphenol	8.775	108	790740	37.049	ng/u1	100
19) Hexachloroethane	9.092	117	291917	39.516	ng/u1	97
22) Nitrobenzene	9.210	77	880083	39.357	ng/u1	99
23) Isophorone	9.739	82	1664895	36.604	ng/u1	99
25) 2-Nitrophenol	9.928	139	404692	44.558	ng/u1	97
26) 2,4-Dimethylphenol	9.986	107	778882	34.906	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1033062	37.012	ng/u1	99
29) 2,4-Dichlorophenol	10.457	162	702100	38.916	ng/u1	98
30) Naphthalene	10.869	128	2430005	36.576	ng/u1	100
32) 4-Chloroaniline	10.975	127	989368	32.940	ng/u1	98
33) Hexachlorobutadiene	11.157	225	409534	36.483	ng/u1	99
34) Caprolactam	11.745	113	236941m	38.300	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	783422	38.410	ng/u1	99
36) 2-Methylnaphthalene	12.475	142	1588930	36.641	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	1644176	37.630	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	812455	37.269	ng/u1	99
40) Hexachlorocyclopentadiene	12.822	237	432515	36.774	ng/u1	98
41) 2,4,6-Trichlorophenol	13.075	196	552439	40.177	ng/u1	99
42) 2,4,5-Trichlorophenol	13.145	196	613817	40.561	ng/u1	100
43) 1,1'-Biphenyl	13.480	154	2152768	37.451	ng/u1	98
44) 2-Chloronaphthalene	13.522	162	1703087	37.563	ng/u1	99
45) 2-Nitroaniline	13.722	65	498078	48.681	ng/u1	95
47) Dimethylphthalate	14.098	163	2133953	37.305	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	417268	46.098	ng/u1	94
50) Acenaphthylene	14.363	152	2702754	36.939	ng/u1	99
51) 3-Nitroaniline	14.539	138	461109	40.587	ng/u1	97
52) Acenaphthene	14.704	153	1838611	36.506	ng/u1	98
53) 2,4-Dinitrophenol	14.739	184	219439	42.643	ng/u1	96
55) 4-Nitrophenol	14.839	109	350960	38.885	ng/u1	99
56) Dibenzofuran	15.039	168	2565034	36.685	ng/u1	97
57) 2,4-Dinitrotoluene	14.998	165	616616	44.066	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.257	232	515892	39.155	ng/u1	99
59) Diethylphthalate	15.463	149	2142377	37.848	ng/u1	99
61) Fluorene	15.686	166	2149375	36.663	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.680	204	1037923	36.672	ng/u1	99
63) 4-Nitroaniline	15.704	138	510203	43.419	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.757	198	349791	42.492	ng/u1	100
67) N-Nitrosodiphenylamine	15.892	169	1779118	38.446	ng/u1	98
68) 4-Bromophenyl-phenylether	16.574	248	593691	37.700	ng/u1	98
69) Hexachlorobenzene	16.686	284	705248	36.974	ng/u1	99
70) Atrazine	16.845	200	586823	37.485	ng/u1	99
71) Pentachlorophenol	17.027	266	446486	38.498	ng/u1	98
72) Phenanthrene	17.427	178	3337275	37.752	ng/u1	100
74) Anthracene	17.515	178	3375216	37.498	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	803963	37.285	ng/uL	99
76) Pentachlorobenzene	14.957	250	806780	36.415	ng/uL	99
77) Carbazole	17.786	167	3161274	37.822	ng/u1	100
78) Di-n-butylphthalate	18.351	149	3648056	42.900	ng/u1	99
80) Fluoranthene	19.433	202	3847067	40.754	ng/u1	98
82) Pyrene	19.798	202	4133832	39.936	ng/u1	99
83) Butylbenzylphthalate	20.698	149	1597592	58.084	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.480	252	1184298	40.501	ng/u1	100
85) Benzo(a)anthracene	21.545	228	4093216	39.698	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	2399285	52.473	ng/u1	99
87) Chrysene	21.597	228	3921619	38.893	ng/u1	99
89) Di-n-octyl phthalate	22.427	149	4043199	50.092	ng/u1	100
90) Benzo(b)fluoranthene	23.268	252	4314634	43.288	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	4192642	40.950	ng/u1	99
93) Benzo(a)pyrene	23.909	252	3820598	41.380	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.574	276	4783244	39.191	ng/u1	100
95) Dibenzo(a,h)anthracene	26.591	278	4044917	39.284	ng/u1	99
96) Benzo(g,h,i)perylene	27.362	276	3837299	38.398	ng/u1	99

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

