

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039646.D
 Acq On : 25 Apr 2023 18:29
 Operator : CG/JU
 Sample : PB152371BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS371

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 25 23:28:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 22:38:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	209717	20.000	ng/u1	0.00
20) Naphthalene-d8	10.613	136	970308	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.466	164	596180	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.218	188	1218644	20.000	ng/u1	0.00
79) Chrysene-d12	21.418	240	1114665	20.000	ng/u1	0.00
88) Perylene-d12	23.777	264	1049212	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	32204	5.894	ng/uL	0.00
4) Pyridine-d5	3.625	84	421860	27.480	ng/u1	0.00
7) Phenol-d5	6.990	99	654136	34.079	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.143	67	443199	34.934	ng/u1	0.00
11) 2-Chlorophenol-d4	7.343	132	509367	33.830	ng/u1	0.00
15) 4-Methylphenol-d8	8.537	113	509697	32.965	ng/u1	0.00
21) Nitrobenzene-d5	8.984	128	254327	32.580	ng/u1	0.00
24) 2-Nitrophenol-d4	9.701	143	286375	32.670	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.248	165	503635	33.391	ng/u1	0.00
31) 4-Chloroaniline-d4	10.766	131	567761	25.204	ng/u1	0.00
46) Dimethylphthalate-d6	13.883	166	1544401	32.121	ng/u1	0.00
49) Acenaphthylene-d8	14.160	160	1796917	33.267	ng/u1	0.00
54) 4-Nitrophenol-d4	14.707	143	207659	28.537	ng/u1	0.00
60) Fluorene-d10	15.460	176	1278810	32.463	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.601	200	264626	32.677	ng/u1	0.00
73) Anthracene-d10	17.318	188	1947081	33.223	ng/u1	0.00
81) Pyrene-d10	19.618	212	2294327	30.976	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.630	264	1961444	34.626	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	69148	11.565	ng/uL	96
5) Pyridine	3.649	79	510929	31.564	ng/u1	99
6) Benzaldehyde	6.954	77	333586	40.679	ng/u1	96
8) Phenol	7.019	94	723896	36.223	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.237	93	575806	34.558	ng/u1	97
12) 2-Chlorophenol	7.372	128	528666	34.893	ng/u1	94
13) 2-Methylphenol	8.266	108	526864	33.942	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.348	45	843359	36.442	ng/u1	98
16) Acetophenone	8.642	105	846262	33.322	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.625	70	479220	34.093	ng/u1	93
18) 4-Methylphenol	8.601	108	573620	34.229	ng/u1	98
19) Hexachloroethane	8.878	117	228438	33.197	ng/u1	95
22) Nitrobenzene	9.025	77	678549	35.204	ng/u1	96
23) Isophorone	9.548	82	1391191	33.848	ng/u1	98
25) 2-Nitrophenol	9.736	139	300359	32.840	ng/u1	93
26) 2,4-Dimethylphenol	9.801	107	607583	32.508	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.036	93	816293	33.774	ng/u1	99
29) 2,4-Dichlorophenol	10.272	162	507408	34.152	ng/u1	99
30) Naphthalene	10.666	128	1801733	33.561	ng/u1	100
32) 4-Chloroaniline	10.789	127	579267	26.097	ng/u1	100
33) Hexachlorobutadiene	10.936	225	312986	31.970	ng/u1	99
34) Caprolactam	11.583	113	177354	32.055	ng/u1	93
35) 4-Chloro-3-methylphenol	11.930	107	586818	33.828	ng/u1	97
36) 2-Methylnaphthalene	12.283	142	1184302	32.907	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	1211904	33.509	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.654	216	597348	33.381	ng/ul	99
40) Hexachlorocyclopentadiene	12.619	237	241411	22.642	ng/ul	99
41) 2,4,6-Trichlorophenol	12.901	196	401434	33.579	ng/ul	99
42) 2,4,5-Trichlorophenol	12.983	196	421207	33.899	ng/ul	99
43) 1,1'-Biphenyl	13.301	154	1564184	33.950	ng/ul	99
44) 2-Chloronaphthalene	13.342	162	1218929	33.726	ng/ul	100
45) 2-Nitroaniline	13.566	65	404889	38.820	ng/ul	96
47) Dimethylphthalate	13.930	163	1575202	33.089	ng/ul	100
48) 2,6-Dinitrotoluene	14.060	165	320496	33.288	ng/ul	96
50) Acenaphthylene	14.189	152	1977967	34.233	ng/ul	100
51) 3-Nitroaniline	14.395	138	284791	31.559	ng/ul	96
52) Acenaphthene	14.530	153	1346703	33.853	ng/ul	100
53) 2,4-Dinitrophenol	14.613	184	143909	28.080	ng/ul	96
55) 4-Nitrophenol	14.724	109	176019	31.846	ng/ul	92
56) Dibenzofuran	14.866	168	1849332	34.202	ng/ul	99
57) 2,4-Dinitrotoluene	14.854	165	468285	35.005	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.101	232	366387	32.943	ng/ul	98
59) Diethylphthalate	15.295	149	1621111	32.851	ng/ul	100
61) Fluorene	15.518	166	1552137	34.702	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.513	204	747887	33.735	ng/ul	98
63) 4-Nitroaniline	15.566	138	268352m	38.778	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.618	198	260348	33.439	ng/ul	93
67) N-Nitrosodiphenylamine	15.730	169	1249097	34.403	ng/ul	98
68) 4-Bromophenyl-phenylether	16.407	248	437830	33.264	ng/ul	97
69) Hexachlorobenzene	16.524	284	514868	34.050	ng/ul	99
70) Atrazine	16.689	200	321314	23.849	ng/ul	98
71) Pentachlorophenol	16.877	266	274878	31.097	ng/ul	100
72) Phenanthrene	17.265	178	2350121	34.736	ng/ul	100
74) Anthracene	17.354	178	2330566	34.337	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.260	216	610688	33.648	ng/ul	99
76) Pentachlorobenzene	14.783	250	607268	33.994	ng/ul	99
77) Carbazole	17.636	167	2059942	34.155	ng/ul	100
78) Di-n-butylphthalate	18.189	149	2732505	32.032	ng/ul	99
80) Fluoranthene	19.289	202	2657918	30.615	ng/ul	97
82) Pyrene	19.648	202	2866753	31.897	ng/ul	100
83) Butylbenzylphthalate	20.548	149	1297038	30.574	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.342	252	807345	32.662	ng/ul	98
85) Benzo(a)anthracene	21.400	228	2720024	33.738	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.324	149	1902381	30.154	ng/ul	100
87) Chrysene	21.453	228	2575968	33.496	ng/ul	100
89) Di-n-octyl phthalate	22.236	149	3147342	29.855	ng/ul	100
90) Benzo(b)fluoranthene	23.065	252	2498560	33.844	ng/ul	99
91) Benzo(k)fluoranthene	23.106	252	2588871	35.708	ng/ul	99
93) Benzo(a)pyrene	23.677	252	2160367	34.717	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.224	276	2410195	35.213	ng/ul	100
95) Dibenzo(a,h)anthracene	26.235	278	2024062	35.666	ng/ul	99
96) Benzo(g,h,i)perylene	26.977	276	1882179	34.519	ng/ul	100

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

