

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044420.D
 Acq On : 29 Feb 2024 00:50
 Operator : MA/JU
 Sample : PB159332BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS332

Quant Time: Feb 29 01:19:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 23:05:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	189136	20.000	ng/u1	0.01
20) Naphthalene-d8	10.757	136	838496	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.592	164	479279	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.339	188	981496	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	810862	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	854459	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	39931	6.661	ng/uL	0.00
4) Pyridine-d5	3.781	84	577654	35.284	ng/u1	0.00
7) Phenol-d5	7.116	99	671620	37.068	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	419397	35.745	ng/u1	0.01
11) 2-Chlorophenol-d4	7.475	132	522690	38.303	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	505045	36.839	ng/u1	0.01
21) Nitrobenzene-d5	9.122	128	255295	37.446	ng/u1	0.01
24) 2-Nitrophenol-d4	9.840	143	277920	39.956	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	496119	40.434	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	671542	32.588	ng/u1	0.01
46) Dimethylphthalate-d6	14.016	166	1370577	37.079	ng/u1	0.01
49) Acenaphthylene-d8	14.286	160	1640912	38.583	ng/u1	0.01
54) 4-Nitrophenol-d4	14.798	143	277010	37.661	ng/u1	0.01
60) Fluorene-d10	15.580	176	1185821	37.902	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	222998	36.617	ng/u1	0.00
73) Anthracene-d10	17.439	188	1770379	37.829	ng/u1	0.00
81) Pyrene-d10	19.733	212	1968534	40.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	1771950	40.471	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	123137	19.488	ng/uL	96
5) Pyridine	3.799	79	893913	52.192	ng/u1	98
6) Benzaldehyde	7.093	77	460260	58.521	ng/u1	98
8) Phenol	7.140	94	1042614	55.359	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	840968	53.347	ng/u1	99
12) 2-Chlorophenol	7.510	128	812779	57.571	ng/u1	97
13) 2-Methylphenol	8.398	108	771650	55.613	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1128284	52.348	ng/u1	98
16) Acetophenone	8.787	105	1223358	55.854	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	628217	57.257	ng/u1	99
18) 4-Methylphenol	8.734	108	835522	56.528	ng/u1	98
19) Hexachloroethane	9.022	117	331919	55.420	ng/u1	95
22) Nitrobenzene	9.163	77	912769	55.360	ng/u1	100
23) Isophorone	9.692	82	1797175	56.241	ng/u1	99
25) 2-Nitrophenol	9.875	139	452947	58.714	ng/u1	97
26) 2,4-Dimethylphenol	9.934	107	694349	47.137	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.187	93	1131273	54.458	ng/u1	100
29) 2,4-Dichlorophenol	10.404	162	714312	57.523	ng/u1	99
30) Naphthalene	10.804	128	2575624	54.010	ng/u1	100
32) 4-Chloroaniline	10.928	127	799919	39.835	ng/u1	99
33) Hexachlorobutadiene	11.081	225	410906	54.925	ng/u1	98
34) Caprolactam	11.722	113	250432	58.342	ng/u1	99
35) 4-Chloro-3-methylphenol	12.051	107	798736	60.374	ng/u1	99
36) 2-Methylnaphthalene	12.416	142	1683243	55.416	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	1652754	55.042	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	790375	55.707	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	441077	46.207	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	518067	57.285	ng/ul	98
42) 2,4,5-Trichlorophenol	13.098	196	573208	58.631	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	2115137	54.208	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	1683260	55.095	ng/ul	99
45) 2-Nitroaniline	13.686	65	524943	62.059	ng/ul	97
47) Dimethylphthalate	14.063	163	2091015	55.348	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	429071	60.730	ng/ul	99
50) Acenaphthylene	14.316	152	2797906	55.542	ng/ul	99
51) 3-Nitroaniline	14.510	138	466379	62.572	ng/ul	96
52) Acenaphthene	14.657	153	1815134	54.582	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	230275	52.525	ng/ul	100
55) 4-Nitrophenol	14.816	109	283350	56.076	ng/ul	96
56) Dibenzofuran	14.992	168	2422923	54.274	ng/ul	99
57) 2,4-Dinitrotoluene	14.969	165	625575	61.633	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.216	232	438092	55.681	ng/ul	97
59) Diethylphthalate	15.427	149	2176508	55.969	ng/ul	99
61) Fluorene	15.639	166	1950643	54.402	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	927669	54.897	ng/ul	99
63) 4-Nitroaniline	15.674	138	492888	68.371	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.727	198	352406	52.898	ng/ul	97
67) N-Nitrosodiphenylamine	15.857	169	1668703	56.103	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	563212	57.754	ng/ul	99
69) Hexachlorobenzene	16.633	284	633208	56.731	ng/ul	97
70) Atrazine	16.816	200	324025	33.256	ng/ul	99
71) Pentachlorophenol	16.980	266	373819	50.822	ng/ul	99
72) Phenanthrene	17.380	178	3104269	55.133	ng/ul	100
74) Anthracene	17.474	178	3132477	55.256	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	786110	57.217	ng/ul	98
76) Pentachlorobenzene	14.904	250	737143	56.202	ng/ul	98
77) Carbazole	17.751	167	2951283	55.366	ng/ul	100
78) Di-n-butylphthalate	18.327	149	4026905	59.665	ng/ul	100
80) Fluoranthene	19.398	202	3474165	59.381	ng/ul	99
82) Pyrene	19.762	202	3615666	58.928	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1835778	66.613	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	1037045	57.178	ng/ul	100
85) Benzo(a)anthracene	21.521	228	3458110	57.182	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.462	149	2758019	65.366	ng/ul	99
87) Chrysene	21.574	228	3230334	56.826	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	4815514	65.778	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3385552	61.805	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	3287454	58.432	ng/ul	99
93) Benzo(a)pyrene	23.850	252	3159381	59.822	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.491	276	3761093	58.889	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	3168312	59.363	ng/ul	99
96) Benzo(g,h,i)perylene	27.268	276	3024118	58.536	ng/ul	98

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

