

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
 Data File : BM044302.D
 Acq On : 24 Feb 2024 19:19
 Operator : MA/JU
 Sample : PB159152BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS152

Quant Time: Feb 25 23:01:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 25 22:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	222212	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	966275	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.562	164	558789	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1158972	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	989243	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1088969	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	44875	6.372	ng/uL	0.00
4) Pyridine-d5	3.769	84	629232	32.714	ng/u1	0.00
7) Phenol-d5	7.086	99	718484	33.752	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	453078	32.868	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	570546	35.587	ng/u1	0.01
15) 4-Methylphenol-d8	8.639	113	552501	34.302	ng/u1	0.01
21) Nitrobenzene-d5	9.092	128	277536	35.325	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	305008	38.052	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	524057	37.063	ng/u1	0.00
31) 4-Chloroaniline-d4	10.874	131	756966	31.876	ng/u1	0.01
46) Dimethylphthalate-d6	13.986	166	1545145	35.853	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1828291	36.872	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	310044	36.154	ng/u1	0.01
60) Fluorene-d10	15.557	176	1312798	35.990	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	257943	35.869	ng/u1	0.00
73) Anthracene-d10	17.415	188	1947099	35.234	ng/u1	0.00
81) Pyrene-d10	19.715	212	2204275	37.038	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	2090170	37.458	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	93657	12.616	ng/uL	97
5) Pyridine	3.787	79	660137	32.806	ng/u1	97
6) Benzaldehyde	7.069	77	352036	38.098	ng/u1	97
8) Phenol	7.116	94	768747	34.742	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.357	93	630345	34.034	ng/u1	98
12) 2-Chlorophenol	7.481	128	596913	35.987	ng/u1	96
13) 2-Methylphenol	8.369	108	566784	34.768	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	838749	33.122	ng/u1	98
16) Acetophenone	8.751	105	910864	35.397	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.745	70	477424	37.036	ng/u1	98
18) 4-Methylphenol	8.698	108	620184	35.714	ng/u1	97
19) Hexachloroethane	8.992	117	243819	34.650	ng/u1	96
22) Nitrobenzene	9.133	77	667008	35.105	ng/u1	99
23) Isophorone	9.663	82	1353898	36.766	ng/u1	99
25) 2-Nitrophenol	9.845	139	335368	37.724	ng/u1	95
26) 2,4-Dimethylphenol	9.904	107	525033	30.930	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.151	93	860519	35.946	ng/u1	100
29) 2,4-Dichlorophenol	10.374	162	532672	37.223	ng/u1	99
30) Naphthalene	10.774	128	1923082	34.994	ng/u1	100
32) 4-Chloroaniline	10.898	127	639572	27.638	ng/u1	98
33) Hexachlorobutadiene	11.051	225	299634	34.755	ng/u1	99
34) Caprolactam	11.680	113	183922	37.181	ng/u1	97
35) 4-Chloro-3-methylphenol	12.021	107	597312	39.179	ng/u1	97
36) 2-Methylnaphthalene	12.386	142	1264488	36.124	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1237817	35.772	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	585011	35.366	ng/ul	99
40) Hexachlorocyclopentadiene	12.721	237	336551	30.240	ng/ul	100
41) 2,4,6-Trichlorophenol	12.998	196	393333	37.304	ng/ul	99
42) 2,4,5-Trichlorophenol	13.068	196	428697	37.610	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	1605250	35.286	ng/ul	98
44) 2-Chloronaphthalene	13.439	162	1269665	35.644	ng/ul	100
45) 2-Nitroaniline	13.657	65	390297	39.576	ng/ul	97
47) Dimethylphthalate	14.039	163	1618590	36.747	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	326249	39.607	ng/ul	100
50) Acenaphthylene	14.286	152	2118886	36.078	ng/ul	99
51) 3-Nitroaniline	14.486	138	349363	40.203	ng/ul	96
52) Acenaphthene	14.627	153	1382579	35.659	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	186370	36.462	ng/ul	96
55) 4-Nitrophenol	14.786	109	218949	37.165	ng/ul	97
56) Dibenzofuran	14.962	168	1845821	35.463	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	472951	39.966	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.186	232	331796	36.170	ng/ul	99
59) Diethylphthalate	15.404	149	1688289	37.237	ng/ul	100
61) Fluorene	15.615	166	1504416	35.987	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	718783	36.483	ng/ul	99
63) 4-Nitroaniline	15.651	138	377937	44.966	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.698	198	280258	35.626	ng/ul	96
67) N-Nitrosodiphenylamine	15.833	169	1288009	36.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.509	248	426149	37.008	ng/ul	99
69) Hexachlorobenzene	16.609	284	476006	36.116	ng/ul	100
70) Atrazine	16.792	200	279067	24.256	ng/ul	98
71) Pentachlorophenol	16.956	266	284498	32.755	ng/ul	99
72) Phenanthrene	17.356	178	2374421	35.713	ng/ul	100
74) Anthracene	17.451	178	2363432	35.306	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	587147	36.191	ng/ul	99
76) Pentachlorobenzene	14.874	250	553439	35.734	ng/ul	98
77) Carbazole	17.727	167	2259571	35.898	ng/ul	99
78) Di-n-butylphthalate	18.303	149	3093996	38.822	ng/ul	100
80) Fluoranthene	19.380	202	2674446	37.469	ng/ul	99
82) Pyrene	19.744	202	2784702	37.201	ng/ul	100
83) Butylbenzylphthalate	20.662	149	1401835	41.694	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.444	252	827665	37.405	ng/ul	98
85) Benzo(a)anthracene	21.503	228	2742949	37.178	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	2141777	41.608	ng/ul	100
87) Chrysene	21.556	228	2569434	37.049	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	3706674	39.728	ng/ul	100
90) Benzo(b)fluoranthene	23.191	252	2727778	39.073	ng/ul	99
91) Benzo(k)fluoranthene	23.244	252	2650329	36.963	ng/ul	100
93) Benzo(a)pyrene	23.821	252	2549531	37.878	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	3023838	37.150	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	2557927	37.606	ng/ul	98
96) Benzo(g,h,i)perylene	27.203	276	2411014	36.618	ng/ul	99

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

