

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
 Data File : BM032183.D
 Acq On : 26 Sep 2021 09:52
 Operator : CG/JU
 Sample : PB139380BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS380

Quant Time: Sep 27 01:08:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 25 01:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	295234	20.000	ng/u1	0.00
20) Naphthalene-d8	10.454	136	1130687	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.307	164	634388	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.036	188	1161556	20.000	ng/u1	0.00
79) Chrysene-d12	21.195	240	1043857	20.000	ng/u1	0.00
88) Perylene-d12	23.359	264	1044475	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	63406	9.068	ng/uL	0.00
4) Pyridine-d5	3.413	84	815594	41.089	ng/u1	0.00
7) Phenol-d5	6.848	99	983313	41.959	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.990	67	583155	41.384	ng/u1	0.00
11) 2-Chlorophenol-d4	7.201	132	807631	44.390	ng/u1	0.00
15) 4-Methylphenol-d8	8.390	113	763646	41.673	ng/u1	0.00
21) Nitrobenzene-d5	8.819	128	363444	53.817	ng/u1	0.00
24) 2-Nitrophenol-d4	9.542	143	383707	53.733	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.084	165	744695	45.619	ng/u1	0.00
31) 4-Chloroaniline-d4	10.589	131	943784	42.776	ng/u1	0.00
46) Dimethylphthalate-d6	13.713	166	1886967	45.781	ng/u1	0.00
49) Acenaphthylene-d8	14.001	160	2450084	46.787	ng/u1	0.00
54) 4-Nitrophenol-d4	14.507	143	328614	49.010	ng/u1	0.00
60) Fluorene-d10	15.295	176	1633473	46.445	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.413	200	267662	48.760	ng/u1	0.00
73) Anthracene-d10	17.130	188	2346504	48.415	ng/u1	0.00
81) Pyrene-d10	19.418	212	2487329	45.288	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.224	264	2297894	46.879	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.025	88	133033	17.317	ng/uL	93
5) Pyridine	3.431	79	853524	43.368	ng/u1	98
6) Benzaldehyde	6.790	77	595994	45.140	ng/u1	95
8) Phenol	6.872	94	1063476	44.763	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.078	93	852661	45.044	ng/u1	96
12) 2-Chlorophenol	7.231	128	879247	46.329	ng/u1	97
13) 2-Methylphenol	8.125	108	788493	43.852	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.201	45	1043284	40.045	ng/u1	97
16) Acetophenone	8.478	105	1212808	43.666	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.472	70	576097	40.667	ng/u1	95
18) 4-Methylphenol	8.454	108	839847	44.439	ng/u1	97
19) Hexachloroethane	8.754	117	360309	46.256	ng/u1	99
22) Nitrobenzene	8.860	77	881474	50.606	ng/u1	97
23) Isophorone	9.378	82	1545016	42.610	ng/u1	100
25) 2-Nitrophenol	9.572	139	445407	54.598	ng/u1	96
26) 2,4-Dimethylphenol	9.648	107	900975	46.375	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.866	93	1066365	46.005	ng/u1	100
29) 2,4-Dichlorophenol	10.113	162	778839	48.498	ng/u1	100
30) Naphthalene	10.507	128	2614998	47.115	ng/u1	99
32) 4-Chloroaniline	10.613	127	956130	42.480	ng/u1	100
33) Hexachlorobutadiene	10.813	225	508130	46.026	ng/u1	99
34) Caprolactam	11.342	113	201480	41.131	ng/u1	89
35) 4-Chloro-3-methylphenol	11.754	107	769164	44.469	ng/u1	97
36) 2-Methylnaphthalene	12.119	142	1790268	48.051	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.342	142	1706001	44.986	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.501	216	896170	49.489	ng/ul	99
40) Hexachlorocyclopentadiene	12.495	237	470824	48.516	ng/ul	98
41) 2,4,6-Trichlorophenol	12.742	196	568074	50.154	ng/ul	100
42) 2,4,5-Trichlorophenol	12.813	196	598819	49.802	ng/ul	99
43) 1,1'-Biphenyl	13.136	154	2199130	48.948	ng/ul	99
44) 2-Chloronaphthalene	13.177	162	1682621	49.641	ng/ul	99
45) 2-Nitroaniline	13.377	65	419291	54.727	ng/ul	93
47) Dimethylphthalate	13.760	163	1940137	47.181	ng/ul	100
48) 2,6-Dinitrotoluene	13.872	165	368759	54.009	ng/ul	99
50) Acenaphthylene	14.030	152	2480362	45.097	ng/ul	99
51) 3-Nitroaniline	14.201	138	376909	50.474	ng/ul	96
52) Acenaphthene	14.371	153	1746046	48.801	ng/ul	99
53) 2,4-Dinitrophenol	14.401	184	180145	48.263	ng/ul	98
55) 4-Nitrophenol	14.524	109	273428	49.995	ng/ul	93
56) Dibenzofuran	14.707	168	2445818	47.627	ng/ul	99
57) 2,4-Dinitrotoluene	14.660	165	521223	54.725	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.936	232	480004	48.934	ng/ul	99
59) Diethylphthalate	15.124	149	1889995	47.019	ng/ul	100
61) Fluorene	15.354	166	1878171	47.136	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.342	204	940231	46.666	ng/ul	99
63) 4-Nitroaniline	15.366	138	352514	53.857	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.424	198	287009	52.966	ng/ul	100
67) N-Nitrosodiphenylamine	15.554	169	1622810	50.128	ng/ul	100
68) 4-Bromophenyl-phenylether	16.230	248	558697	50.372	ng/ul	98
69) Hexachlorobenzene	16.365	284	642568	47.655	ng/ul	99
70) Atrazine	16.495	200	542844	47.435	ng/ul	99
71) Pentachlorophenol	16.701	266	373296	48.197	ng/ul	100
72) Phenanthrene	17.077	178	2864907	49.404	ng/ul	100
74) Anthracene	17.165	178	2924988	50.325	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.113	216	917502	51.243	ng/ul	99
76) Pentachlorobenzene	14.642	250	810824	46.766	ng/ul	99
77) Carbazole	17.430	167	2561626	52.105	ng/ul	100
78) Di-n-butylphthalate	17.989	149	2893360	51.226	ng/ul	100
80) Fluoranthene	19.083	202	3134731	45.993	ng/ul	100
82) Pyrene	19.448	202	3229584	46.208	ng/ul	99
83) Butylbenzylphthalate	20.330	149	1135848	56.516	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.112	252	940629	54.334	ng/ul	99
85) Benzo(a)anthracene	21.177	228	2929421	49.809	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.106	149	1649797	55.450	ng/ul	98
87) Chrysene	21.230	228	2886135	48.701	ng/ul	100
89) Di-n-octyl phthalate	21.953	149	2838929	53.493	ng/ul	100
90) Benzo(b)fluoranthene	22.718	252	3010480	48.803	ng/ul	99
91) Benzo(k)fluoranthene	22.759	252	3018189	51.628	ng/ul	99
93) Benzo(a)pyrene	23.271	252	2744108	47.111	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.512	276	3373050	56.817	ng/ul	99
95) Dibenzo(a,h)anthracene	25.518	278	2856239	58.010	ng/ul	99
96) Benzo(g,h,i)perylene	26.177	276	2904493	55.197	ng/ul	99

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

