

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
 Data File : BM032182.D
 Acq On : 26 Sep 2021 09:16
 Operator : CG/JU
 Sample : PB139167BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS167

Quant Time: Sep 27 01:08:11 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	320220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.454	136	1227182	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.307	164	696721	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.036	188	1321168	20.000	ng/u1	0.00
79) Chrysene-d12	21.195	240	1217514	20.000	ng/u1	0.00
88) Perylene-d12	23.359	264	1210614	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	57588	7.594	ng/uL	0.00
4) Pyridine-d5	3.413	84	781956	36.321	ng/u1	0.00
7) Phenol-d5	6.849	99	938512	36.923	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.984	67	551716	36.098	ng/u1	0.00
11) 2-Chlorophenol-d4	7.201	132	762202	38.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.390	113	713790	35.913	ng/u1	0.00
21) Nitrobenzene-d5	8.819	128	337811	46.088	ng/u1	0.00
24) 2-Nitrophenol-d4	9.542	143	352790	45.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.084	165	701841	39.613	ng/u1	0.00
31) 4-Chloroaniline-d4	10.589	131	918428	38.354	ng/u1	0.00
46) Dimethylphthalate-d6	13.713	166	1831407	40.458	ng/u1	0.00
49) Acenaphthylene-d8	14.001	160	2352325	40.901	ng/u1	0.00
54) 4-Nitrophenol-d4	14.507	143	326172	44.294	ng/u1	0.00
60) Fluorene-d10	15.295	176	1583842	41.004	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.413	200	260633	41.743	ng/u1	0.00
73) Anthracene-d10	17.130	188	2318267	42.054	ng/u1	0.00
81) Pyrene-d10	19.418	212	2510407	39.189	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.224	264	2357995	41.503	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.025	88	120280	14.435	ng/uL	96
5) Pyridine	3.431	79	778220	36.456	ng/u1	97
6) Benzaldehyde	6.790	77	543479	37.951	ng/u1	95
8) Phenol	6.872	94	960788	37.285	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.078	93	768654	37.438	ng/u1	96
12) 2-Chlorophenol	7.231	128	792423	38.496	ng/u1	97
13) 2-Methylphenol	8.125	108	708632	36.335	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.195	45	956083	33.835	ng/u1	97
16) Acetophenone	8.484	105	1103840	36.642	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.472	70	521872	33.965	ng/u1	95
18) 4-Methylphenol	8.448	108	762800	37.213	ng/u1	98
19) Hexachloroethane	8.754	117	323709	38.314	ng/u1	99
22) Nitrobenzene	8.860	77	798426	42.234	ng/u1	98
23) Isophorone	9.378	82	1398037	35.525	ng/u1	100
25) 2-Nitrophenol	9.572	139	397227	44.864	ng/u1	97
26) 2,4-Dimethylphenol	9.642	107	800508	37.964	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.866	93	967839	38.471	ng/u1	99
29) 2,4-Dichlorophenol	10.113	162	707663	40.601	ng/u1	99
30) Naphthalene	10.507	128	2369146	39.329	ng/u1	100
32) 4-Chloroaniline	10.613	127	926676	37.934	ng/u1	100
33) Hexachlorobutadiene	10.813	225	457069	38.145	ng/u1	98
34) Caprolactam	11.342	113	186115	35.007	ng/u1	86
35) 4-Chloro-3-methylphenol	11.748	107	700139	37.296	ng/u1	99
36) 2-Methylnaphthalene	12.119	142	1633525	40.396	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.342	142	1551958	37.706	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.501	216	829250	41.696	ng/ul	97
40) Hexachlorocyclopentadiene	12.495	237	410753	38.539	ng/ul	100
41) 2,4,6-Trichlorophenol	12.742	196	517960	41.638	ng/ul	98
42) 2,4,5-Trichlorophenol	12.813	196	550941	41.721	ng/ul	99
43) 1,1'-Biphenyl	13.136	154	2018925	40.916	ng/ul	99
44) 2-Chloronaphthalene	13.178	162	1532496	41.167	ng/ul	99
45) 2-Nitroaniline	13.378	65	382180	45.420	ng/ul	95
47) Dimethylphthalate	13.760	163	1818411	40.265	ng/ul	100
48) 2,6-Dinitrotoluene	13.872	165	335547	44.748	ng/ul	99
50) Acenaphthylene	14.030	152	2283057	37.796	ng/ul	100
51) 3-Nitroaniline	14.201	138	354833	43.266	ng/ul	100
52) Acenaphthene	14.372	153	1623259	41.310	ng/ul	100
53) 2,4-Dinitrophenol	14.401	184	164886	40.223	ng/ul	95
55) 4-Nitrophenol	14.524	109	259361	43.180	ng/ul	92
56) Dibenzofuran	14.707	168	2274267	40.324	ng/ul	100
57) 2,4-Dinitrotoluene	14.660	165	478787	45.772	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.936	232	443112	41.132	ng/ul	97
59) Diethylphthalate	15.124	149	1774804	40.203	ng/ul	99
61) Fluorene	15.354	166	1758189	40.177	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.342	204	878973	39.723	ng/ul	99
63) 4-Nitroaniline	15.366	138	334087	46.475	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.424	198	262687	42.621	ng/ul	99
67) N-Nitrosodiphenylamine	15.554	169	1539852	41.819	ng/ul	99
68) 4-Bromophenyl-phenylether	16.230	248	517377	41.011	ng/ul	97
69) Hexachlorobenzene	16.366	284	601767	39.237	ng/ul	98
70) Atrazine	16.495	200	514238	39.507	ng/ul	98
71) Pentachlorophenol	16.701	266	351633	39.915	ng/ul	99
72) Phenanthrene	17.077	178	2729407	41.381	ng/ul	100
74) Anthracene	17.166	178	2770785	41.913	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.113	216	843190	41.403	ng/ul	100
76) Pentachlorobenzene	14.642	250	753770	38.223	ng/ul	99
77) Carbazole	17.430	167	2457177	43.943	ng/ul	100
78) Di-n-butylphthalate	17.989	149	2777000	43.226	ng/ul	100
80) Fluoranthene	19.083	202	3023940	38.039	ng/ul	100
82) Pyrene	19.448	202	3132663	38.428	ng/ul	100
83) Butylbenzylphthalate	20.330	149	1086491	46.349	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.112	252	934937	46.303	ng/ul	99
85) Benzo(a)anthracene	21.177	228	2837803	41.369	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.106	149	1587960	45.759	ng/ul	98
87) Chrysene	21.230	228	2829298	40.932	ng/ul	100
89) Di-n-octyl phthalate	21.953	149	2737426	44.502	ng/ul	100
90) Benzo(b)fluoranthene	22.718	252	2944539	41.184	ng/ul	99
91) Benzo(k)fluoranthene	22.759	252	2922224	43.126	ng/ul	100
93) Benzo(a)pyrene	23.271	252	2666138	39.491	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.512	276	3270167	47.525	ng/ul	98
95) Dibenzo(a,h)anthracene	25.518	278	2783463	48.774	ng/ul	100
96) Benzo(g,h,i)perylene	26.177	276	2817001	46.188	ng/ul	99

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

