

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
 Data File : BM032167.D
 Acq On : 25 Sep 2021 23:38
 Operator : CG/JU
 Sample : PB139144BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS144

Quant Time: Sep 26 01:28:22 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	7.666	152	399928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.460	136	1557066	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.313	164	859400	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.036	188	1536062	20.000	ng/u1	0.00
79) Chrysene-d12	21.200	240	1313254	20.000	ng/u1	0.00
88) Perylene-d12	23.365	264	1300450	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	61555	6.499	ng/uL	0.00
4) Pyridine-d5	3.413	84	835349	31.067	ng/u1	0.00
7) Phenol-d5	6.848	99	1037521	32.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.990	67	609747	31.944	ng/u1	0.00
11) 2-Chlorophenol-d4	7.207	132	841156	34.130	ng/u1	0.00
15) 4-Methylphenol-d8	8.395	113	791749	31.896	ng/u1	0.00
21) Nitrobenzene-d5	8.819	128	376295	40.462	ng/u1	0.00
24) 2-Nitrophenol-d4	9.548	143	402698	40.950	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.089	165	789791	35.133	ng/u1	0.00
31) 4-Chloroaniline-d4	10.589	131	1004664	33.066	ng/u1	0.00
46) Dimethylphthalate-d6	13.713	166	1957905	35.065	ng/u1	0.00
49) Acenaphthylene-d8	14.001	160	2557342	36.049	ng/u1	0.00
54) 4-Nitrophenol-d4	14.513	143	331709	36.519	ng/u1	0.00
60) Fluorene-d10	15.301	176	1669952	35.050	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.413	200	269281	37.095	ng/u1	0.00
73) Anthracene-d10	17.136	188	2349643	36.660	ng/u1	0.00
81) Pyrene-d10	19.418	212	2489676	36.032	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.230	264	2258227	37.002	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.025	88	134379	12.913	ng/uL	95
5) Pyridine	3.437	79	874568	32.804	ng/u1	95
6) Benzaldehyde	6.790	77	621199	34.733	ng/u1	95
8) Phenol	6.878	94	1108945	34.458	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.084	93	892735	34.815	ng/u1	96
12) 2-Chlorophenol	7.237	128	926153	36.025	ng/u1	96
13) 2-Methylphenol	8.125	108	827498	33.974	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.201	45	1128958	31.990	ng/u1	98
16) Acetophenone	8.484	105	1273524	33.849	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.478	70	614197	32.007	ng/u1	95
18) 4-Methylphenol	8.454	108	883552	34.513	ng/u1	99
19) Hexachloroethane	8.760	117	374700	35.511	ng/u1	97
22) Nitrobenzene	8.860	77	926650	38.632	ng/u1	99
23) Isophorone	9.384	82	1652057	33.086	ng/u1	99
25) 2-Nitrophenol	9.578	139	469692	41.809	ng/u1	96
26) 2,4-Dimethylphenol	9.648	107	909215	33.984	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.866	93	1137058	35.622	ng/u1	99
29) 2,4-Dichlorophenol	10.113	162	819238	37.044	ng/u1	99
30) Naphthalene	10.507	128	2750548	35.987	ng/u1	99
32) 4-Chloroaniline	10.613	127	1048668	33.833	ng/u1	99
33) Hexachlorobutadiene	10.819	225	538622	35.428	ng/u1	100
34) Caprolactam	11.348	113	212825	31.550	ng/u1	87
35) 4-Chloro-3-methylphenol	11.754	107	809123	33.970	ng/u1	99
36) 2-Methylnaphthalene	12.125	142	1880922	36.660	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.348	142	1790988	34.294	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.507	216	952750	38.838	ng/ul	98
40) Hexachlorocyclopentadiene	12.501	237	469677	35.726	ng/ul	99
41) 2,4,6-Trichlorophenol	12.742	196	605098	39.435	ng/ul	100
42) 2,4,5-Trichlorophenol	12.813	196	643401	39.500	ng/ul	99
43) 1,1'-Biphenyl	13.142	154	2292612	37.668	ng/ul	99
44) 2-Chloronaphthalene	13.183	162	1755638	38.234	ng/ul	99
45) 2-Nitroaniline	13.383	65	433992	41.814	ng/ul	94
47) Dimethylphthalate	13.760	163	2036777	36.563	ng/ul	100
48) 2,6-Dinitrotoluene	13.871	165	387715	41.917	ng/ul	99
50) Acenaphthylene	14.030	152	2569658	34.488	ng/ul	99
51) 3-Nitroaniline	14.207	138	389381	38.491	ng/ul	99
52) Acenaphthene	14.377	153	1818278	37.514	ng/ul	99
53) 2,4-Dinitrophenol	14.407	184	186617	36.906	ng/ul	93
55) 4-Nitrophenol	14.524	109	276632	37.338	ng/ul	95
56) Dibenzofuran	14.707	168	2530408	36.373	ng/ul	98
57) 2,4-Dinitrotoluene	14.660	165	529809	41.062	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.942	232	503687	37.904	ng/ul	99
59) Diethylphthalate	15.124	149	1955428	35.910	ng/ul	99
61) Fluorene	15.354	166	1940036	35.941	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.348	204	973606	35.671	ng/ul	99
63) 4-Nitroaniline	15.366	138	351459	39.637	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.430	198	287794	40.162	ng/ul	97
67) N-Nitrosodiphenylamine	15.560	169	1698758	39.680	ng/ul	99
68) 4-Bromophenyl-phenylether	16.236	248	576852	39.329	ng/ul	99
69) Hexachlorobenzene	16.371	284	663093	37.187	ng/ul	99
70) Atrazine	16.501	200	558469	36.902	ng/ul	99
71) Pentachlorophenol	16.701	266	385808	37.668	ng/ul	99
72) Phenanthrene	17.077	178	2926679	38.164	ng/ul	99
74) Anthracene	17.171	178	2952891	38.418	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.113	216	972265	41.062	ng/ul	99
76) Pentachlorobenzene	14.642	250	850319	37.087	ng/ul	99
77) Carbazole	17.430	167	2600779	40.004	ng/ul	100
78) Di-n-butylphthalate	17.989	149	3001623	40.186	ng/ul	100
80) Fluoranthene	19.083	202	3161730	36.873	ng/ul	98
82) Pyrene	19.448	202	3239496	36.842	ng/ul	98
83) Butylbenzylphthalate	20.336	149	1160674	45.904	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.112	252	916675	42.088	ng/ul	99
85) Benzo(a)anthracene	21.183	228	2892319	39.090	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.106	149	1689416	45.133	ng/ul	98
87) Chrysene	21.236	228	2847408	38.191	ng/ul	100
89) Di-n-octyl phthalate	21.953	149	2843405	43.031	ng/ul	100
90) Benzo(b)fluoranthene	22.718	252	3012858	39.228	ng/ul	99
91) Benzo(k)fluoranthene	22.759	252	2908096	39.953	ng/ul	100
93) Benzo(a)pyrene	23.277	252	2690567	37.100	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.524	276	3296482	44.598	ng/ul	99
95) Dibenzo(a,h)anthracene	25.524	278	2774072	45.251	ng/ul	100
96) Benzo(g,h,i)perylene	26.182	276	2848143	43.472	ng/ul	99

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

