

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
 Data File : BM032150.D
 Acq On : 25 Sep 2021 12:44
 Operator : CG/JU
 Sample : M3919-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB6Y2MSD

Quant Time: Sep 26 00:19:58 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	390678	20.000	ng/u1	0.00
20) Naphthalene-d8	10.460	136	1657674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.313	164	1049992	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.042	188	2099692	20.000	ng/u1	0.00
79) Chrysene-d12	21.201	240	1826753	20.000	ng/u1	0.00
88) Perylene-d12	23.371	264	1663695	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	50756	5.486	ng/uL	0.00
4) Pyridine-d5	3.413	84	314232	11.963	ng/u1	0.00
7) Phenol-d5	6.849	99	279377	9.009	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.990	67	648062	34.755	ng/u1	0.00
11) 2-Chlorophenol-d4	7.207	132	697741	28.981	ng/u1	0.00
15) 4-Methylphenol-d8	8.395	113	497847	20.531	ng/u1	0.00
21) Nitrobenzene-d5	8.825	128	415362	41.952	ng/u1	0.00
24) 2-Nitrophenol-d4	9.548	143	440000	42.028	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.089	165	829883	34.676	ng/u1	0.00
31) 4-Chloroaniline-d4	10.595	131	1136592	35.138	ng/u1	0.00
46) Dimethylphthalate-d6	13.719	166	2798929	41.028	ng/u1	0.00
49) Acenaphthylene-d8	14.007	160	3230806	37.275	ng/u1	0.00
54) 4-Nitrophenol-d4	14.507	143	127178	11.460	ng/u1	0.00
60) Fluorene-d10	15.301	176	2324151	39.926	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.419	200	450873	45.437	ng/u1	0.00
73) Anthracene-d10	17.136	188	3643057	41.582	ng/u1	0.00
81) Pyrene-d10	19.424	212	4016680	41.791	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.236	264	3218445	41.221	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.025	88	192520	18.938	ng/uL	93
5) Pyridine	3.437	79	352980	13.553	ng/u1	97
6) Benzaldehyde	6.790	77	704526	40.324	ng/u1	97
8) Phenol	6.872	94	357224	11.363	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.084	93	959780	38.316	ng/u1	97
12) 2-Chlorophenol	7.237	128	782460	31.156	ng/u1	97
13) 2-Methylphenol	8.125	108	607769	25.543	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.201	45	1236624	35.870	ng/u1	98
16) Acetophenone	8.484	105	1458539	39.684	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.478	70	728265	38.850	ng/u1	95
18) 4-Methylphenol	8.454	108	574428	22.969	ng/u1	100
19) Hexachloroethane	8.760	117	360078	34.933	ng/u1	99
22) Nitrobenzene	8.866	77	1041015	40.765	ng/u1	97
23) Isophorone	9.384	82	2051193	38.586	ng/u1	100
25) 2-Nitrophenol	9.578	139	517708	43.286	ng/u1	96
26) 2,4-Dimethylphenol	9.648	107	863521	30.317	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.866	93	1312233	38.615	ng/u1	99
29) 2,4-Dichlorophenol	10.119	162	879093	37.338	ng/u1	100
30) Naphthalene	10.513	128	3025157	37.177	ng/u1	99
32) 4-Chloroaniline	10.619	127	1225316	37.133	ng/u1	99
33) Hexachlorobutadiene	10.819	225	572583	35.376	ng/u1	98
34) Caprolactam	11.348	113	47598	6.628	ng/u1	92
35) 4-Chloro-3-methylphenol	11.754	107	898630	35.438	ng/u1	98
36) 2-Methylnaphthalene	12.125	142	2219553	40.634	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.348	142	2134940	38.399	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.507	216	1132942	37.800	ng/ul	98
40) Hexachlorocyclopentadiene	12.501	237	488303	30.401	ng/ul	99
41) 2,4,6-Trichlorophenol	12.748	196	767612	40.946	ng/ul	98
42) 2,4,5-Trichlorophenol	12.819	196	826381	41.524	ng/ul	99
43) 1,1'-Biphenyl	13.142	154	2837279	38.155	ng/ul	99
44) 2-Chloronaphthalene	13.183	162	2172674	38.727	ng/ul	99
45) 2-Nitroaniline	13.383	65	632073	49.845	ng/ul	94
47) Dimethylphthalate	13.766	163	2959169	43.478	ng/ul	99
48) 2,6-Dinitrotoluene	13.877	165	589688	52.181	ng/ul	98
50) Acenaphthylene	14.030	152	3345956	36.755	ng/ul	99
51) 3-Nitroaniline	14.207	138	591091	47.824	ng/ul	98
52) Acenaphthene	14.377	153	2382878	40.238	ng/ul	99
53) 2,4-Dinitrophenol	14.407	184	303082	49.059	ng/ul	97
55) 4-Nitrophenol	14.524	109	113171	12.502	ng/ul	93
56) Dibenzofuran	14.713	168	3418001	40.213	ng/ul	99
57) 2,4-Dinitrotoluene	14.666	165	833119	52.849	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.942	232	746041	45.951	ng/ul	99
59) Diethylphthalate	15.130	149	3021516	45.416	ng/ul	99
61) Fluorene	15.360	166	2686904	40.742	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.348	204	1351273	40.521	ng/ul	98
63) 4-Nitroaniline	15.371	138	571686	52.771	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.430	198	481046	49.111	ng/ul	98
67) N-Nitrosodiphenylamine	15.560	169	2469447	42.198	ng/ul	99
68) 4-Bromophenyl-phenylether	16.236	248	873605	43.573	ng/ul	98
69) Hexachlorobenzene	16.371	284	1017446	41.743	ng/ul	99
70) Atrazine	16.507	200	925535	44.741	ng/ul	98
71) Pentachlorophenol	16.707	266	639570	45.681	ng/ul	99
72) Phenanthrene	17.083	178	4478535	42.724	ng/ul	99
74) Anthracene	17.171	178	4569109	43.489	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.119	216	1192086	36.832	ng/uL	100
76) Pentachlorobenzene	14.648	250	1157711	36.939	ng/uL	99
77) Carbazole	17.436	167	4206262	47.331	ng/ul	99
78) Di-n-butylphthalate	17.995	149	5125198	50.198	ng/ul	99
80) Fluoranthene	19.089	202	5111131	42.852	ng/ul	99
82) Pyrene	19.454	202	5142682	42.045	ng/ul	98
83) Butylbenzylphthalate	20.336	149	2066432	58.753	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.118	252	1381889	45.613	ng/ul	99
85) Benzo(a)anthracene	21.189	228	4619582	44.884	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.112	149	2947358	56.606	ng/ul	97
87) Chrysene	21.242	228	4535664	43.734	ng/ul	99
89) Di-n-octyl phthalate	21.959	149	4863440	57.532	ng/ul	100
90) Benzo(b)fluoranthene	22.730	252	4418872	44.973	ng/ul	99
91) Benzo(k)fluoranthene	22.771	252	4377811	47.013	ng/ul	100
93) Benzo(a)pyrene	23.283	252	3847628	41.470	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.530	276	4160811	44.001	ng/ul	99
95) Dibenzo(a,h)anthracene	25.536	278	3525175	44.948	ng/ul	100
96) Benzo(g,h,i)perylene	26.194	276	3524094	42.045	ng/ul	99

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

