

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
 Data File : BM032161.D
 Acq On : 25 Sep 2021 20:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020064

Quant Time: Sep 26 01:20:21 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	379339	20.000	ng/u1	0.00
20) Naphthalene-d8	10.460	136	1605384	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.312	164	1033315	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.036	188	2111419	20.000	ng/u1	0.00
79) Chrysene-d12	21.200	240	2077706	20.000	ng/u1	0.00
88) Perylene-d12	23.365	264	2148977	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.984	96	70171	7.811	ng/uL	0.00
4) Pyridine-d5	3.413	84	505185	19.808	ng/u1	0.00
7) Phenol-d5	6.848	99	608326	20.203	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.989	67	359326	19.846	ng/u1	0.00
11) 2-Chlorophenol-d4	7.201	132	484198	20.713	ng/u1	0.00
15) 4-Methylphenol-d8	8.389	113	485840	20.634	ng/u1	0.00
21) Nitrobenzene-d5	8.819	128	219320	22.873	ng/u1	0.00
24) 2-Nitrophenol-d4	9.542	143	236321	23.308	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.089	165	501149	21.622	ng/u1	0.00
31) 4-Chloroaniline-d4	10.589	131	689243	22.002	ng/u1	0.00
46) Dimethylphthalate-d6	13.713	166	1449596	21.592	ng/u1	0.00
49) Acenaphthylene-d8	14.001	160	1832788	21.487	ng/u1	0.00
54) 4-Nitrophenol-d4	14.512	143	252629	23.132	ng/u1	0.00
60) Fluorene-d10	15.301	176	1241870	21.678	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.412	200	202014	20.245	ng/u1	0.00
73) Anthracene-d10	17.136	188	1900644	21.574	ng/u1	0.00
81) Pyrene-d10	19.418	212	2118976	19.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.230	264	2197213	21.787	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.025	88	76856	7.786	ng/uL	91
5) Pyridine	3.437	79	500635	19.798	ng/u1	96
6) Benzaldehyde	6.789	77	383107	22.583	ng/u1	96
8) Phenol	6.872	94	622913	20.406	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.084	93	497517	20.455	ng/u1	96
12) 2-Chlorophenol	7.236	128	501744	20.576	ng/u1	96
13) 2-Methylphenol	8.125	108	478832	20.726	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.195	45	628908	18.788	ng/u1	97
16) Acetophenone	8.483	105	770440	21.589	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.472	70	374345	20.567	ng/u1	96
18) 4-Methylphenol	8.454	108	523322	21.551	ng/u1	97
19) Hexachloroethane	8.760	117	200598	20.043	ng/u1	97
22) Nitrobenzene	8.860	77	533869	21.587	ng/u1	99
23) Isophorone	9.383	82	1052442	20.443	ng/u1	98
25) 2-Nitrophenol	9.578	139	269514	23.268	ng/u1	95
26) 2,4-Dimethylphenol	9.648	107	575092	20.848	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.866	93	689923	20.963	ng/u1	99
29) 2,4-Dichlorophenol	10.113	162	490791	21.525	ng/u1	99
30) Naphthalene	10.507	128	1654816	20.999	ng/u1	99
32) 4-Chloroaniline	10.613	127	703912	22.027	ng/u1	97
33) Hexachlorobutadiene	10.819	225	320150	20.424	ng/u1	99
34) Caprolactam	11.342	113	153002	21.999	ng/u1	90
35) 4-Chloro-3-methylphenol	11.754	107	532272	21.674	ng/u1	98
36) 2-Methylnaphthalene	12.124	142	1141313	21.575	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.348	142	1154409	21.440	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.507	216	611038	20.716	ng/ul	97
40) Hexachlorocyclopentadiene	12.501	237	326828	20.676	ng/ul	100
41) 2,4,6-Trichlorophenol	12.742	196	394648	21.391	ng/ul	99
42) 2,4,5-Trichlorophenol	12.813	196	423403	21.619	ng/ul	97
43) 1,1'-Biphenyl	13.142	154	1535204	20.978	ng/ul	99
44) 2-Chloronaphthalene	13.183	162	1168305	21.161	ng/ul	99
45) 2-Nitroaniline	13.383	65	290690	23.294	ng/ul	93
47) Dimethylphthalate	13.760	163	1436864	21.452	ng/ul	99
48) 2,6-Dinitrotoluene	13.871	165	261871	23.547	ng/ul	100
50) Acenaphthylene	14.030	152	1920574	21.438	ng/ul	100
51) 3-Nitroaniline	14.207	138	287789	23.660	ng/ul	95
52) Acenaphthene	14.377	153	1242709	21.324	ng/ul	99
53) 2,4-Dinitrophenol	14.407	184	120446	19.811	ng/ul	91
55) 4-Nitrophenol	14.524	109	206383	23.168	ng/ul	95
56) Dibenzofuran	14.707	168	1788489	21.382	ng/ul	100
57) 2,4-Dinitrotoluene	14.660	165	380365	24.518	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.942	232	350160	21.916	ng/ul	98
59) Diethylphthalate	15.124	149	1429295	21.830	ng/ul	100
61) Fluorene	15.354	166	1402349	21.607	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.348	204	706574	21.530	ng/ul	99
63) 4-Nitroaniline	15.365	138	274710	25.767	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.424	198	204839	20.796	ng/ul	97
67) N-Nitrosodiphenylamine	15.559	169	1235962	21.003	ng/ul	99
68) 4-Bromophenyl-phenylether	16.236	248	427415	21.200	ng/ul	100
69) Hexachlorobenzene	16.371	284	495149	20.202	ng/ul	99
70) Atrazine	16.501	200	449928	21.629	ng/ul	99
71) Pentachlorophenol	16.701	266	286576	20.355	ng/ul	100
72) Phenanthrene	17.077	178	2255952	21.401	ng/ul	100
74) Anthracene	17.165	178	2282388	21.603	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.113	216	635794	19.535	ng/ul	100
76) Pentachlorobenzene	14.642	250	622890	19.764	ng/ul	99
77) Carbazole	17.430	167	2057128	23.019	ng/ul	100
78) Di-n-butylphthalate	17.989	149	2392968	23.307	ng/ul	99
80) Fluoranthene	19.083	202	2608029	19.225	ng/ul	99
82) Pyrene	19.447	202	2699722	19.406	ng/ul	99
83) Butylbenzylphthalate	20.336	149	1003936	25.097	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.118	252	869759	25.241	ng/ul	99
85) Benzo(a)anthracene	21.183	228	2551176	21.793	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.106	149	1489096	25.145	ng/ul	99
87) Chrysene	21.236	228	2551977	21.635	ng/ul	99
89) Di-n-octyl phthalate	21.953	149	2551933	23.371	ng/ul	100
90) Benzo(b)fluoranthene	22.718	252	2668606	21.026	ng/ul	99
91) Benzo(k)fluoranthene	22.759	252	2486942	20.676	ng/ul	100
93) Benzo(a)pyrene	23.271	252	2548373	21.264	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.518	276	2667730	21.841	ng/ul	100
95) Dibenzo(a,h)anthracene	25.524	278	2308181	22.785	ng/ul	99
96) Benzo(g,h,i)perylene	26.182	276	2260271	20.877	ng/ul	99

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

