

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032414.D
 Acq On : 11 Oct 2021 10:18
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020071

Quant Time: Oct 11 11:06:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 11 11:06:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	222756	20.000	ng/u1	0.00
20) Naphthalene-d8	10.407	136	982204	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.266	164	653286	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.995	188	1365460	20.000	ng/u1	0.00
79) Chrysene-d12	21.159	240	1349759	20.000	ng/u1	0.00
88) Perylene-d12	23.306	264	1471047	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	40926	7.366	ng/uL	0.00
4) Pyridine-d5	3.384	84	294943	18.792	ng/u1	0.00
7) Phenol-d5	6.807	99	358930	18.949	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.943	67	206512	18.988	ng/u1	0.00
11) 2-Chlorophenol-d4	7.154	132	288550	19.951	ng/u1	0.00
15) 4-Methylphenol-d8	8.348	113	297559	19.449	ng/u1	0.00
21) Nitrobenzene-d5	8.772	128	143560	20.716	ng/u1	0.00
24) 2-Nitrophenol-d4	9.495	143	161934	21.678	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.037	165	304671	20.489	ng/u1	0.00
31) 4-Chloroaniline-d4	10.542	131	422686	19.271	ng/u1	0.00
46) Dimethylphthalate-d6	13.666	166	925260	20.465	ng/u1	0.00
49) Acenaphthylene-d8	13.954	160	1143008	20.811	ng/u1	0.00
54) 4-Nitrophenol-d4	14.477	143	176855	19.919	ng/u1	0.00
60) Fluorene-d10	15.254	176	765147	19.955	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	155686	20.006	ng/u1	0.00
73) Anthracene-d10	17.089	188	1205433	20.281	ng/u1	0.00
81) Pyrene-d10	19.377	212	1353962	19.939	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.171	264	1481901	20.116	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.990	88	44066	7.287	ng/uL	98
5) Pyridine	3.408	79	289415	18.645	ng/u1	96
6) Benzaldehyde	6.743	77	225677	25.310	ng/u1	99
8) Phenol	6.831	94	363749	18.956	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.037	93	288813	19.128	ng/u1	99
12) 2-Chlorophenol	7.190	128	295391	19.771	ng/u1	98
13) 2-Methylphenol	8.078	108	287940	19.568	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.148	45	362967	19.412	ng/u1	99
16) Acetophenone	8.437	105	464599	20.728	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.425	70	237861	21.494	ng/u1	98
18) 4-Methylphenol	8.407	108	311839	20.218	ng/u1	97
19) Hexachloroethane	8.701	117	120950	20.349	ng/u1	99
22) Nitrobenzene	8.813	77	321440	19.536	ng/u1	97
23) Isophorone	9.331	82	681031	21.455	ng/u1	99
25) 2-Nitrophenol	9.525	139	171983	21.070	ng/u1	99
26) 2,4-Dimethylphenol	9.601	107	352628	20.206	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.813	93	410730	19.511	ng/u1	99
29) 2,4-Dichlorophenol	10.066	162	292273	19.966	ng/u1	99
30) Naphthalene	10.454	128	982603	19.520	ng/u1	99
32) 4-Chloroaniline	10.566	127	425472	19.321	ng/u1	97
33) Hexachlorobutadiene	10.760	225	186977	19.799	ng/u1	99
34) Caprolactam	11.301	113	109379	20.728	ng/u1	97
35) 4-Chloro-3-methylphenol	11.707	107	333917	20.730	ng/u1	99
36) 2-Methylnaphthalene	12.072	142	680365	19.872	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.295	142	696177	19.969	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.454	216	358405	19.896	ng/ul	99
40) Hexachlorocyclopentadiene	12.448	237	208293	19.844	ng/ul	98
41) 2,4,6-Trichlorophenol	12.695	196	246581	21.374	ng/ul	99
42) 2,4,5-Trichlorophenol	12.772	196	265310	20.958	ng/ul	99
43) 1,1'-Biphenyl	13.095	154	926660	19.784	ng/ul	99
44) 2-Chloronaphthalene	13.130	162	705165	19.754	ng/ul	99
45) 2-Nitroaniline	13.336	65	209544	21.980	ng/ul	94
47) Dimethylphthalate	13.719	163	914245	20.191	ng/ul	100
48) 2,6-Dinitrotoluene	13.830	165	180891	21.437	ng/ul	95
50) Acenaphthylene	13.983	152	1190659	20.488	ng/ul	99
51) 3-Nitroaniline	14.160	138	197767	22.422	ng/ul	99
52) Acenaphthene	14.330	153	764853	19.932	ng/ul	99
53) 2,4-Dinitrophenol	14.366	184	106787	19.675	ng/ul	95
55) 4-Nitrophenol	14.489	109	141923	19.806	ng/ul	97
56) Dibenzofuran	14.660	168	1094131	19.675	ng/ul	100
57) 2,4-Dinitrotoluene	14.619	165	268270	21.509	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.901	232	229319	22.305	ng/ul	94
59) Diethylphthalate	15.083	149	925270	20.483	ng/ul	100
61) Fluorene	15.307	166	874708	20.470	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.301	204	438273	20.306	ng/ul	99
63) 4-Nitroaniline	15.324	138	198595	24.356	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.389	198	156054	20.403	ng/ul	99
67) N-Nitrosodiphenylamine	15.513	169	780596	20.490	ng/ul	99
68) 4-Bromophenyl-phenylether	16.189	248	264811	20.122	ng/ul	98
69) Hexachlorobenzene	16.324	284	299829	19.780	ng/ul	99
70) Atrazine	16.460	200	299882	20.827	ng/ul	99
71) Pentachlorophenol	16.660	266	193396	21.165	ng/ul	98
72) Phenanthrene	17.036	178	1411622	20.030	ng/ul	100
74) Anthracene	17.124	178	1448666	20.463	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.066	216	377341	19.683	ng/ul	100
76) Pentachlorobenzene	14.595	250	374209	19.654	ng/ul	99
77) Carbazole	17.389	167	1320321	20.911	ng/ul	100
78) Di-n-butylphthalate	17.948	149	1634479	22.407	ng/ul	100
80) Fluoranthene	19.042	202	1684099	20.101	ng/ul	100
82) Pyrene	19.407	202	1724482	20.036	ng/ul	99
83) Butylbenzylphthalate	20.295	149	753413	23.069	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.077	252	598915	24.471	ng/ul	100
85) Benzo(a)anthracene	21.142	228	1631819	20.048	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.065	149	1117448	24.612	ng/ul	100
87) Chrysene	21.195	228	1612938	20.125	ng/ul	100
89) Di-n-octyl phthalate	21.906	149	1986341	23.709	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	1798146	20.091	ng/ul	99
91) Benzo(k)fluoranthene	22.706	252	1561856	19.241	ng/ul	100
93) Benzo(a)pyrene	23.212	252	1700583	20.084	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.430	276	1879589	20.082	ng/ul	99
95) Dibenzo(a,h)anthracene	25.436	278	1626486	20.252	ng/ul	99
96) Benzo(g,h,i)perylene	26.083	276	1617614	19.750	ng/ul	99

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

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