

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043399.D
 Acq On : 18 Dec 2023 18:44
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020167

Quant Time: Dec 19 00:29:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	421747	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1843027	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	953102	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1544747	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1024750	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1130353	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	93996	7.244	ng/uL	0.00
4) Pyridine-d5	3.810	84	689343	18.457	ng/u1	0.00
7) Phenol-d5	7.151	99	880162	18.345	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	571363	18.804	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	678593	18.525	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	677305	18.193	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	333945	18.728	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	345157	18.734	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	610724	18.777	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	883309	18.460	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1575257	18.360	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	1939025	19.051	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	277578	17.093	ng/u1	0.00
60) Fluorene-d10	15.616	176	1282969	18.083	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	174356	17.066	ng/u1	0.00
73) Anthracene-d10	17.468	188	1650942	19.057	ng/u1	0.00
81) Pyrene-d10	19.751	212	1442888	17.835	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	1294961	18.565	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	104175	7.266	ng/uL	98
5) Pyridine	3.828	79	713795	18.481	ng/u1	97
6) Benzaldehyde	7.134	77	437328	19.224	ng/u1	99
8) Phenol	7.181	94	869095	18.413	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.422	93	729114	19.027	ng/u1	99
12) 2-Chlorophenol	7.551	128	685533	18.371	ng/u1	99
13) 2-Methylphenol	8.440	108	653802	18.242	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	1209822	18.801	ng/u1	99
16) Acetophenone	8.828	105	1048842	18.401	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.816	70	594081	17.463	ng/u1	99
18) 4-Methylphenol	8.769	108	712028	18.331	ng/u1	99
19) Hexachloroethane	9.069	117	291390	18.519	ng/u1	98
22) Nitrobenzene	9.210	77	844348	19.133	ng/u1	98
23) Isophorone	9.734	82	1589003	17.751	ng/u1	98
25) 2-Nitrophenol	9.916	139	374368	19.119	ng/u1	99
26) 2,4-Dimethylphenol	9.975	107	675857	19.376	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	980194	18.544	ng/u1	99
29) 2,4-Dichlorophenol	10.445	162	586152	18.570	ng/u1	98
30) Naphthalene	10.851	128	2202128	18.748	ng/u1	100
32) 4-Chloroaniline	10.969	127	857741	18.642	ng/u1	100
33) Hexachlorobutadiene	11.122	225	299016	18.581	ng/u1	99
34) Caprolactam	11.751	113	175209	17.370	ng/u1	98
35) 4-Chloro-3-methylphenol	12.086	107	653823	17.636	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	1445524	18.079	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	1447414	17.948	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	564049	19.423	ng/ul	99
40) Hexachlorocyclopentadiene	12.792	237	264369	14.509	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	394039	19.089	ng/ul	98
42) 2,4,5-Trichlorophenol	13.133	196	414965	18.933	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	1787993	19.680	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1368170	19.642	ng/ul	99
45) 2-Nitroaniline	13.716	65	433905	18.576	ng/ul	98
47) Dimethylphthalate	14.092	163	1573781	18.574	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	301332	18.395	ng/ul	96
50) Acenaphthylene	14.351	152	2236888	19.139	ng/ul	99
51) 3-Nitroaniline	14.539	138	348158	18.513	ng/ul	98
52) Acenaphthene	14.686	153	1441562	18.714	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	125410	14.381	ng/ul	94
55) 4-Nitrophenol	14.839	109	217571	17.254	ng/ul	94
56) Dibenzofuran	15.021	168	1822374	18.318	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	404993	17.499	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	284700	16.954	ng/ul	98
59) Diethylphthalate	15.451	149	1590726	18.320	ng/ul	99
61) Fluorene	15.668	166	1534453	18.054	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	666842	17.837	ng/ul	99
63) 4-Nitroaniline	15.698	138	329903	19.166	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	190549	17.469	ng/ul	97
67) N-Nitrosodiphenylamine	15.880	169	1207216	20.346	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	359019	19.617	ng/ul	97
69) Hexachlorobenzene	16.663	284	403437	19.242	ng/ul	96
70) Atrazine	16.833	200	210097	16.154	ng/ul	99
71) Pentachlorophenol	17.010	266	217560	17.164	ng/ul	98
72) Phenanthrene	17.410	178	1980082	18.912	ng/ul	100
74) Anthracene	17.504	178	2028195	19.195	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	554834	21.871	ng/ul	99
76) Pentachlorobenzene	14.933	250	506376	20.499	ng/ul	96
77) Carbazole	17.774	167	1775247	19.686	ng/ul	100
78) Di-n-butylphthalate	18.345	149	2458678	20.855	ng/ul	99
80) Fluoranthene	19.421	202	1817773	18.144	ng/ul	99
82) Pyrene	19.780	202	1856498	18.025	ng/ul	99
83) Butylbenzylphthalate	20.686	149	921385	20.691	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	488269	19.346	ng/ul	98
85) Benzo(a)anthracene	21.527	228	1626877	18.986	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	1384177	21.833	ng/ul	99
87) Chrysene	21.580	228	1478185	19.175	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	2209468	20.434	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1557595	17.982	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	1568566	18.566	ng/ul	99
93) Benzo(a)pyrene	23.856	252	1476029	18.677	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.491	276	1845430	19.556	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	1540896	19.720	ng/ul	100
96) Benzo(g,h,i)perylene	27.268	276	1465407	19.810	ng/ul	100

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

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