

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044402.D
 Acq On : 28 Feb 2024 13:49
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020054

Quant Time: Feb 28 14:45:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 23:05:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	289969	20.000	ng/u1	0.01
20) Naphthalene-d8	10.757	136	1276105	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.592	164	741047	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.339	188	1503782	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1247499	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1342995	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	63935	6.957	ng/uL	0.00
4) Pyridine-d5	3.787	84	470244	18.735	ng/u1	0.00
7) Phenol-d5	7.110	99	532832	19.182	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	340821	18.947	ng/u1	0.01
11) 2-Chlorophenol-d4	7.475	132	424414	20.286	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	409629	19.489	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	206650	19.917	ng/u1	0.01
24) 2-Nitrophenol-d4	9.839	143	219377	20.724	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	385685	20.654	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	599660	19.121	ng/u1	0.01
46) Dimethylphthalate-d6	14.015	166	1096284	19.182	ng/u1	0.01
49) Acenaphthylene-d8	14.280	160	1305408	19.852	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	209654	18.435	ng/u1	0.01
60) Fluorene-d10	15.580	176	942055	19.474	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	164910	17.674	ng/u1	0.00
73) Anthracene-d10	17.439	188	1426163	19.890	ng/u1	0.00
81) Pyrene-d10	19.733	212	1547762	20.623	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1360129	19.765	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	70586	7.287	ng/uL	97
5) Pyridine	3.804	79	498539	18.986	ng/u1	97
6) Benzaldehyde	7.092	77	303516	25.172	ng/u1	99
8) Phenol	7.139	94	559741	19.385	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	456987	18.908	ng/u1	99
12) 2-Chlorophenol	7.510	128	433569	20.031	ng/u1	96
13) 2-Methylphenol	8.398	108	411938	19.365	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	611082	18.493	ng/u1	98
16) Acetophenone	8.786	105	664149	19.778	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	342102	20.337	ng/u1	98
18) 4-Methylphenol	8.728	108	442610	19.532	ng/u1	98
19) Hexachloroethane	9.022	117	176103	19.179	ng/u1	94
22) Nitrobenzene	9.163	77	487708	19.436	ng/u1	99
23) Isophorone	9.692	82	954903	19.635	ng/u1	99
25) 2-Nitrophenol	9.875	139	241126	20.538	ng/u1	96
26) 2,4-Dimethylphenol	9.933	107	430807	19.217	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.180	93	604857	19.132	ng/u1	100
29) 2,4-Dichlorophenol	10.404	162	386562	20.454	ng/u1	99
30) Naphthalene	10.804	128	1406061	19.374	ng/u1	99
32) 4-Chloroaniline	10.927	127	583808	19.103	ng/u1	99
33) Hexachlorobutadiene	11.080	225	225117	19.772	ng/u1	98
34) Caprolactam	11.710	113	123207	18.860	ng/u1	95
35) 4-Chloro-3-methylphenol	12.045	107	416238	20.673	ng/u1	100
36) 2-Methylnaphthalene	12.416	142	922564	19.957	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	904472	19.792	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	431655	19.677	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	244284	16.551	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	288491	20.631	ng/ul	98
42) 2,4,5-Trichlorophenol	13.092	196	311455	20.604	ng/ul	99
43) 1,1'-Biphenyl	13.427	154	1152060	19.096	ng/ul	98
44) 2-Chloronaphthalene	13.468	162	920228	19.481	ng/ul	99
45) 2-Nitroaniline	13.686	65	268052	20.495	ng/ul	97
47) Dimethylphthalate	14.063	163	1114820	19.085	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	222492	20.367	ng/ul	96
50) Acenaphthylene	14.310	152	1537270	19.737	ng/ul	99
51) 3-Nitroaniline	14.510	138	236723	20.541	ng/ul	96
52) Acenaphthene	14.651	153	990822	19.270	ng/ul	100
53) 2,4-Dinitrophenol	14.715	184	112423	16.585	ng/ul	96
55) 4-Nitrophenol	14.810	109	142136	18.193	ng/ul	98
56) Dibenzofuran	14.992	168	1337733	19.380	ng/ul	99
57) 2,4-Dinitrotoluene	14.968	165	326030	20.775	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.210	232	252483	20.755	ng/ul	98
59) Diethylphthalate	15.421	149	1169412	19.449	ng/ul	99
61) Fluorene	15.639	166	1090468	19.670	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	518080	19.829	ng/ul	98
63) 4-Nitroaniline	15.668	138	241226	21.642	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.721	198	182798	17.909	ng/ul	95
67) N-Nitrosodiphenylamine	15.857	169	912256	20.018	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	300110	20.086	ng/ul	98
69) Hexachlorobenzene	16.633	284	342048	20.002	ng/ul	97
70) Atrazine	16.815	200	296109	19.836	ng/ul	99
71) Pentachlorophenol	16.980	266	212014	18.813	ng/ul	99
72) Phenanthrene	17.380	178	1667908	19.334	ng/ul	100
74) Anthracene	17.474	178	1706165	19.643	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.386	216	419789	19.942	ng/ul	100
76) Pentachlorobenzene	14.904	250	401616	19.985	ng/ul	99
77) Carbazole	17.751	167	1564705	19.159	ng/ul	100
78) Di-n-butylphthalate	18.327	149	2111350	20.418	ng/ul	100
80) Fluoranthene	19.398	202	1845548	20.504	ng/ul	99
82) Pyrene	19.762	202	1922447	20.366	ng/ul	100
83) Butylbenzylphthalate	20.680	149	907419	21.402	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	548490	19.656	ng/ul	99
85) Benzo(a)anthracene	21.521	228	1843171	19.811	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1427302	21.988	ng/ul	100
87) Chrysene	21.574	228	1690211	19.326	ng/ul	100
89) Di-n-octyl phthalate	22.415	149	2349514	20.419	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1706447	19.820	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	1757550	19.875	ng/ul	100
93) Benzo(a)pyrene	23.856	252	1634400	19.689	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.491	276	1937015	19.296	ng/ul	97
95) Dibenzo(a,h)anthracene	26.521	278	1623779	19.357	ng/ul	98
96) Benzo(g,h,i)perylene	27.268	276	1559622	19.207	ng/ul	98

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

